

# Recombinant human HGF protein (Active) ab259401

## 4 图像

### 描述

产品名称	重组人HGF蛋白(Active)
生物活性	Fully biologically active determined by the dose dependent induce IL-11 secretion by Saos-2 human osteosarcoma cells. ED <sub>50</sub> is ≤4.9 ng/ml, corresponding to a specific activity of 0.20 x 10 <sup>6</sup> units/mg.
纯度	≥ 95 % SDS-PAGE. =95% by HPLC
内毒素水平	≤0.005 Eu/μg
表达系统	HEK 293 cells
Accession	<b><u>P14210</u></b>
蛋白长度	Full length protein
无动物成分	Yes
无载体	是
性质	Recombinant
种属	Human
序列	

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QRKRRNTIHE FKksAKTTLI KIDPALKIKT
KKVNTADQCA NRCTRNGLP FTCKAFVFDK
ARKQCLWFPF NSMSSGVKKE FGHEFDLYEN
KDYIRNCIIG KGRSYKGTVS ITKSGIKCQP
WSSMIPHEHS FLPSSYRGKD LQENYCRNPR
GEEGPPWCFT SNPEVRYEVC DIPQCSEVEC
MTCNGESYRG LMDHTESGKI CQRWDHQTPh
RHKFLPERYP DKGfDDNYCR NPDGQPRPWC
YTLDPHTRWE YCAIKTCADN TMNDTDVPLE
TTECIQQQGE GYRGTVNTIW NGIPCQRWDS
QYPHEHDMTP ENFKCKDLRE NYCRNPDGSE
SPWCFTTDPN IRVGYCSQIP NCDMSHGQDC
YRNGNKNYMG NLSQTRSGLT CSMWDKNMED
LHRHIFWEPD ASKLNENYCR NPDDDAHGPW
CYTGNPLIPW DYCPISRCEG DTTPTIVNLD
HPVISCAKTK QLRVVNGIPT RTNIGWMVSL
RYRNKHICGG SLIKESWVLT ARQCFPSRDL
KDYEAWLGIH DVHGRGDEKC KQVLNVSQLV
YGPEGSIDLVL MKLARPAVLd DFVSTIDLPN
  
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YGCTIPEKTS CSVYGWGYTG LINYDGLLRV  
AHLYIMGNEK CSQHHRGKVT LNESEICAGA  
EKIGSGPCEG DYGGPLVCEQ HKMRMVLGVI  
VPGRGCAIPN RPGIFVRVAY YAKWIHKIIL TYKVPQS

预测分子量	80 kDa
实际分子量	80 kDa
分子量信息	Predicted mass is 79720.38 Da(+/- 10 Da by ESI TOF). Observed mass is 79724.93
氨基酸	32 to 728
额外的序列信息	N-terminal glycine tag.

## 技术指标

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Our **Abpromise guarantee** covers the use of **ab259401** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE HPLC Mass Spectrometry Functional Studies Cell Culture
形式	Lyophilized

## 制备和贮存

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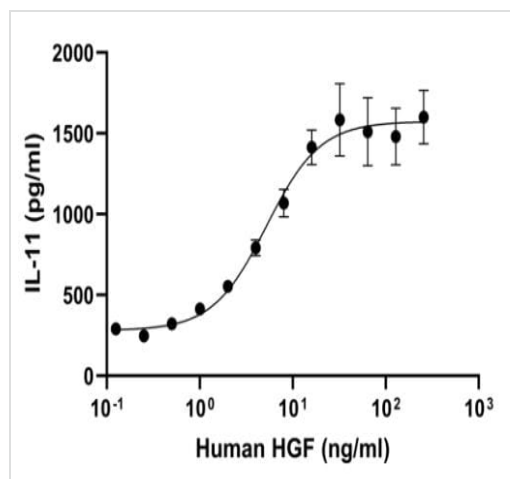
稳定性和存储	Shipped at Room Temperature. Store at Room Temperature. pH: 6.00 Constituents: 0.727% Dibasic monohydrogen potassium phosphate, 0.248% Monobasic dihydrogen potassium phosphate, 10.26% Trehalose This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	Reconstitute with phosphate buffered saline.Store lyophilized form at room temperature. Reconstitute, aliquot and store at -80°C for 12 months or +4°C for 1 week.Avoid repeated freeze-thaw.Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the product. Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the product.

## 常规信息

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功能	Potent mitogen for mature parenchymal hepatocyte cells, seems to be a hepatotrophic factor, and acts as a growth factor for a broad spectrum of tissues and cell types. Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization.
疾病相关	Deafness, autosomal recessive, 39
序列相似性	Belongs to the peptidase S1 family. Plasminogen subfamily. Contains 4 kringle domains. Contains 1 PAN domain. Contains 1 peptidase S1 domain.

图片



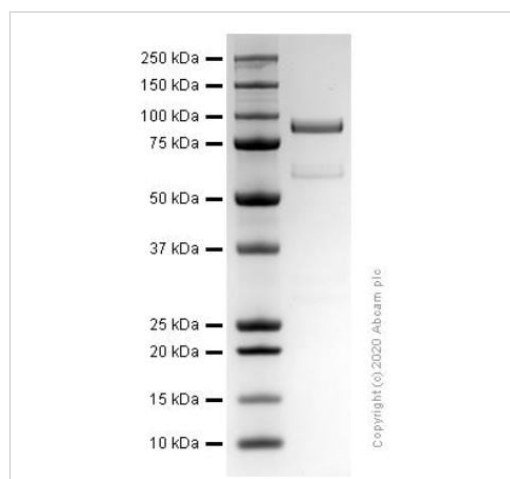
Functional Studies - Recombinant human HGF protein (Active) (ab259401)

Fully biologically active determined by the dose dependent induce IL-11 secretion by Saos-2 human osteosarcoma cells.

ED<sub>50</sub> is ≤4.9 ng/ml, corresponding to a specific activity of 0.20 x 10<sup>6</sup> units/mg.

Cell based assay testing is performed on the first lot of protein only and is provided as a reference for protein activity; subsequent lots of protein must pass all biophysical quality control parameters that meet the same parameters as the first lot.

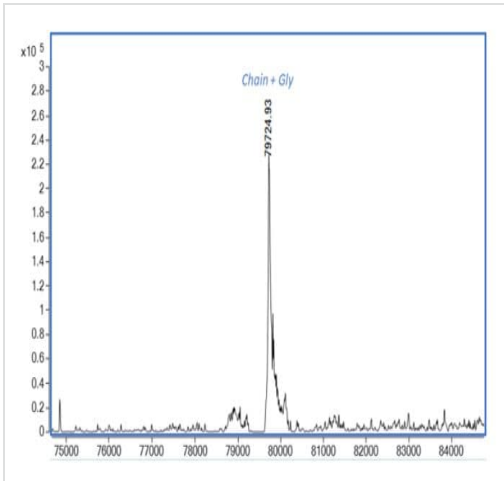
Lot: GR3369519-1



SDS-PAGE - Recombinant human HGF protein (Active) (ab259401)

SDS-PAGE analysis of ab259401.

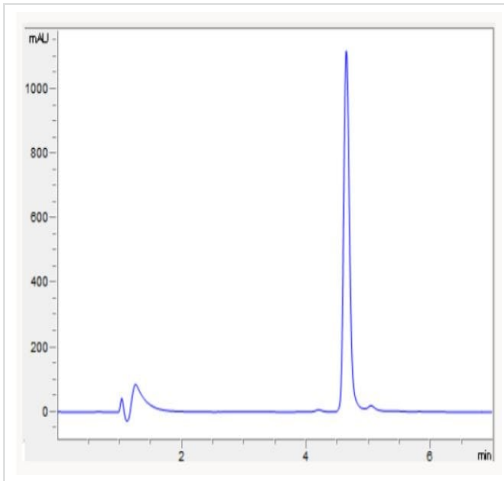
Additional lower MW bands are result of protein degradation during the production process and do not affect protein function.



Mass Spectrometry - Recombinant human HGF protein (Active) (ab259401)

Mass determination by ESI TOF.

Predicted mass is 79720.38 Da (+/- 10 Da by ESI TOF). Observed mass is 79724.93.



HPLC - Recombinant human HGF protein (Active) (ab259401)

HPLC analysis of ab259401.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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