

Recombinant human HGF protein (Active) ab632

1 References 1 图像

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| 描述 | | |
| 产品名称 | 重组人HGF蛋白(Active) | |
| 生物活性 | Determined by the dose-dependent stimulation of the proliferation of monkey 4MBr-5 cells. The expected ED ₅₀ for this effect is 1.0-20.0 ng/ml. | |
| 纯度 | >= 98 % SDS-PAGE. >=98% HPLC analyses. Sterile filtered. | |
| 内毒素水平 | < 1.000 Eu/μg | |
| 表达系统 | BTI-TN-5B1-4 cells | |
| Accession | <u>P14210</u> | |
| 蛋白长度 | Full length protein | |
| 无动物成分 | No | |
| 性质 | Recombinant | |
| 种属 | Human | |
| 序列 | QRKRRNTIHE FKksAKTTLI KIDPALKIKT KKVNTADQCA NRCTRnKGLP FTCKAFVFDK ARKQCLWFPF NSMSSGVKKE FGHEFDLYEN KDYIRNCIIG KGRSYKGTVS ITKSGIKCQP WSSMIPHEHS FLPSSYRGKD LQENYCRNPR GEEGPPWCFT SNPEVRYEVC DIPQCSEVEC MTCNGESYRG LMDHTESGKI CQRWDHQTPh RHKFLPERYP DKGFDdNYCR NPDGQPRPWC YTLDPHTRWE YCAIKTCADN TMNDTDVPLE TTECIQGQGE GYRGTVNTIW NGIPcQRWDS QYPHEHDMTP ENFKCKDLRE NYCRNPDGSE SPWCFTTDPN IRVGyCSQIP NCDMSHGQDC YRGNGKNYMG NLSQTRSGLT CSMWDKNMED LHRHIFWEPD ASKLNENYCR NPDDDAHGPW CYTGNPLIPW DYCPISRCEG DTTPTIVNLD HPVISCAKTK QLRVVNGIPT RTNIGWMVSL RYRNKHICGG SLIKESWVLT ARQCFPSRDL KDYEAWLGIH DVHGRGDEKC KQVLNVSQLV YGPEGSDLVL MKLARPAVLD DFVSTIDLPN YGCTIPEKTS CSVYGWGYTG LINYDGLLRV AHLyIMGNEK CSQHHRGKVT LNESEICAGA | |

EKIGSGPCEG DYGGPLVCEQ HKMRMVLGVI
VPGRGCAIPN RPGIFVRVAY YAKWIIHKIIL TYKVPQS

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| 预测分子量 | 80 kDa |
| 氨基酸 | 32 to 728 |
| 额外的序列信息 | α -chain and β -chain, held together by a single disulfide bond, resulting in formation of a biologically active heterodimer. Full length mature protein, without the signal peptide. |

技术指标

Our **Abpromise guarantee** covers the use of **ab632** in the following tested applications.

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

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| 应用 | HPLC Functional Studies SDS-PAGE |
| 形式 | Lyophilized |
| 补充说明 | Expression System = Baculovirus infected High-5 cells. |

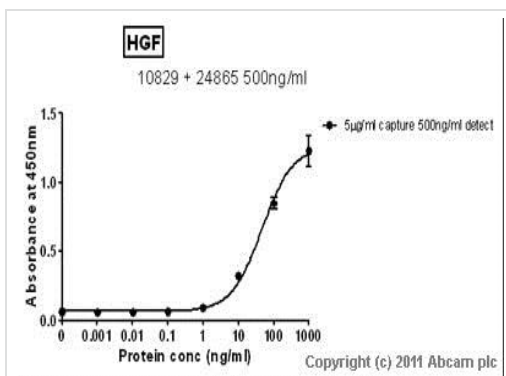
制备和贮存

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| 稳定性和存储 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: 1.16% Sodium chloride, 0.12% Tris, 1.74% DL-Arginine This product is an active protein and may elicit a biological response in vivo, handle with caution. |
| 复溶 | Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. |

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



Standard curve for HGF (Analyte: ab632); dilution range 1pg/ml to 1µg/ml using Capture Antibody **ab10829** at 5µg/ml and Detector Antibody **ab24865** at 0.5µg/ml.

Sandwich ELISA - Recombinant human HGF protein (ab632)

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