

Product datasheet

Recombinant Human Hes1 protein ab114192

1 图像

概述

产品名称	Recombinant人Hes1 protein
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Wheat germ
氨基酸序列	
Accession	Q14469
种属	Human
序列	KSSKPIMEKRRRRARINESLSQLKTLILDALKKSSRHSKLEKADILEMTV KHLRNLQRAQMTAALSTDPSVLGKYRAGFSECMNEVTRFLSTCEGVNTEV RTRLLGH
分子量	37 kDa including tags
氨基酸	36 to 142

技术指标

Our [Abpromise guarantee](#) covers the use of **ab114192** 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 Western blot ELISA
形式	Liquid
补充说明	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.

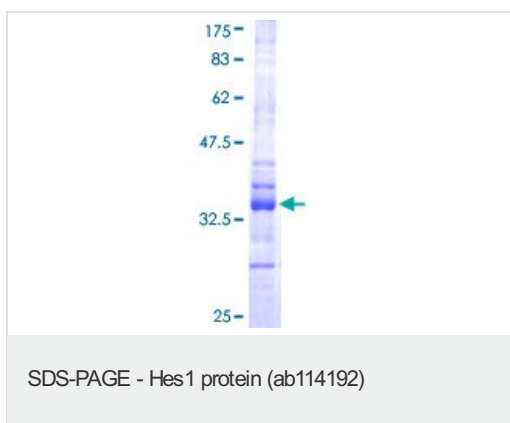
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
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常规信息

功能	Transcriptional repressor of genes that require a bHLH protein for their transcription. May act as a negative regulator of myogenesis by inhibiting the functions of MYOD1 and ASH1. Binds DNA on N-box motifs: 5'-CACNAG-3' with high affinity and on E-box motifs: 5'-CANNTG-3' with low affinity.
序列相似性	Contains 1 basic helix-loop-helix (bHLH) domain. Contains 1 Orange domain.
结构域	Has a particular type of basic domain (presence of a helix-interrupting proline) that binds to the N-box (CACNAG), rather than the canonical E-box (CANNTG). The C-terminal WRPW motif is a transcriptional repression domain necessary for the interaction with Groucho/TLE family members, transcriptional corepressors recruited to specific target DNA by Hairy-related proteins. The bHLH, as well as cooperation between the central Orange domain and the C-terminal WRPW motif, is required for transcriptional repressor activity.
细胞定位	Nucleus.

Recombinant Human Hes1 protein 图像



ab114192 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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