

Recombinant Human Hes1 protein ab114192

1 图像

描述	
产品名称	重组人Hes1蛋白
表达系统	Wheat germ
Accession	<u>Q14469</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	KSSKPIMEKRRRRARINESLSQLKTLILDALKDSSRHSKLEK ADILEMTV KHLRNLQRAQMTAALSTDPSVLGKYRAGFSECMNEVTRFLST CEGVNTEV RTRLLGH
预测分子量	37 kDa including tags
氨基酸	36 to 142

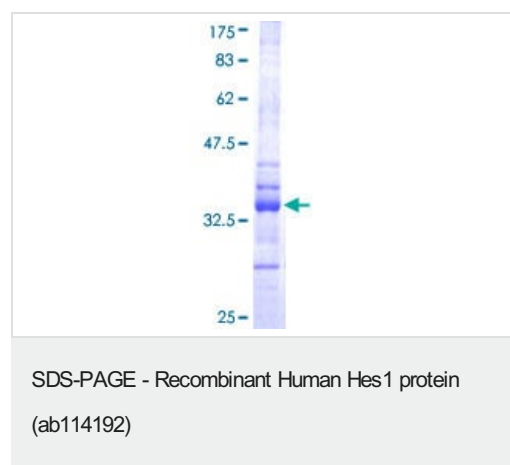
技术指标	
Our Abpromise guarantee covers the use of ab114192 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Western blot ELISA
形式	Liquid

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

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.

图片



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

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