

Datasheet for ABIN7548276
HBP1 Protein (AA 1-514) (His tag)



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Overview

Quantity:	1 mg
Target:	HBP1
Protein Characteristics:	AA 1-514
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HBP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat HBP1 Protein expressed in mammalien cells.
Sequence:	MVWEVKTNQM PNAVQKLLLV MDKRASGMND SLELLQCENEN LPSSPGYNCS DEHMELDDLPELQAVQSDPT QSGMYQLSSD VSHQEYPRSS WNQNTSDIPE TTYRENEVDW LTELANIATSPQSPLMQCSF YNRSSPVHII ATSKSLHSYA RPPPVSSSSK SEPAFPHHHW KEETPVRHERANSESESGIF CMSSLSDDDD LGWCNSWPST VWHCFLKGTR LCFHKGSNKE WQDVEDFARAEGCDNEEDLQ MGIHKGYGSD GLKLLSHEES VSFGESVLKL TFDPGTVEDG LLTVECKLDHPFYVKNKGWS SFYPSLTVVQ HGIPCCEVHI GDVCLPPGHP DAINFDDSGV FDTFKSYDFTPMDSSAVYVL SSMARRRAS LSCGGPGGQD FARSGFSKNC GSPGSSQLSS NSLYAKAVKNHSSGTVSATS PNKCKRPMNA FMLFAKKYRV EYTMYPGKD NRAISVILGD RWKKMKNEERRMYTLEAKAL AEEQKRLNPD CWKRKRTNSG SQQH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please

Product Details

contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

HBP1

Alternative Name:

HBP1 ([HBP1 Products](#))

Background:

HMG box-containing protein 1 (HMG box transcription factor 1) (High mobility group box transcription factor 1),FUNCTION: Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the histone H1.0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4. {ECO:0000269|PubMed:10562551, ECO:0000269|PubMed:10958660, ECO:0000269|PubMed:11500377}.

Molecular Weight:

57.6 kDa

UniProt:

[O60381](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
