

Datasheet for ABIN7556366
HMG20B Protein (AA 1-317) (His tag)



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Overview

Quantity:	1 mg
Target:	HMG20B
Protein Characteristics:	AA 1-317
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMG20B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Hmg20b Protein expressed in mammalian cells.
Sequence:	MSHGPRQPGA ATAPAGGKTP GQHGAFFVAV KQERSEGSRA GEKGPQEEEP VKKRGWPKGK KRKKILPNGP KAPVTGYVRF LNERREQIRT RHPDLPFPEI TKMLGAEWSK LQPAEKQRYL DEAEKEKQYQY LKELWAYQQS EAYKVCTEKI QENKIKKEDS SSGLMNTLLN GHKGVDCDGF STFDVPIFTE EFLDQNKARE AELRRLRKMN VAFEEQNAVL QRHTQSMSSA RERLEQELAL EERRTLALQQ QLQAVRQALT ASFASLPVPG TGETPTLGTL DFYMARLHGA IERDPAQHER LIARVKEILA RVASEHL 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 contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	HMG20B
Alternative Name:	Hmg20b (HMG20B Products)
Background:	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related (SMARCE1-related protein) (BRCA2-associated factor 35) (HMG box-containing protein 20B) (Structural DNA-binding protein BRAF35),FUNCTION: Required for correct progression through G2 phase of the cell cycle and entry into mitosis. Required for RCOR1/CoREST mediated repression of neuronal specific gene promoters (By similarity). {ECO:0000250}.
Molecular Weight:	35.9 kDa
UniProt:	Q9Z104

Application Details

Application Notes:	We expect the protein to work for functional studies. 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