

Datasheet for ABIN7548385

HMGXB4 Protein (AA 1-601) (His tag)



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Overview

Quantity:	1 mg
Target:	HMGXB4
Protein Characteristics:	AA 1-601
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGXB4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HMGXB4 Protein expressed in mammalian cells.
Sequence:	<p>MAYDDSVKKE DCFDGDHTFE DIGLAAGRSQ REKKRSYKDF LREEEEIAAQ VRNSSKKKLK DSELYFLGTD THKKKRKHSS DDYYYGDISS LESSQKKKKK SSPQSTDTAM DLLKAITSPL AAGSKPSKKT GEKSSGSSSH SESKKEHHRK KVS GSSGELP LEDGGSHKSK KMKPLYVNTE TLTLREPDGL KMKLILSPKE KGSSSVDEES FQYPSQQATV KKSSKKSARD EQGALLLGHE LQSFLKTARK KHKSSSDAHS SPGPEGCGSD ASQFAESHS NLDLSGLEPI LVESDSSSGG ELEAGELVID DSYREIKKKK KSKKSKKKKD KEKHKEKRHS KSKRSLGLSA VPVGEVTVTS GPPPSIPYAG AAAPPLPLPG LHTDGHSEKK KKKEEKDKER ERGEKPKKKN MSAYQVFCKE YRVTIVADHP GIDFGELSKK LAEVWKQLPE KDKLIWKQKA QYLQHKQNKA EATTVKRKAS SSEGS MKVKA SSVGVLSPQK KSPPTTMLLP ASPAKAPETE PIDVA AHLQL LGESLSLIGH RLQETEGMVA VSGSLSVLLD SIICALGPLA CLTTQLPELN GCPKQVLSNT LDNIAYIMPG L</p> <p>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.</p>

Product Details

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.
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Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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).
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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)
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Grade:	custom-made
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Target Details

Target:	HMGXB4
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Alternative Name:	HMGXB4 (HMGXB4 Products)
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Background:	HMG domain-containing protein 4 (HMG box-containing protein 4) (High mobility group protein 2-like 1) (Protein HMGB1),FUNCTION: Negatively regulates Wnt/beta-catenin signaling during development. {ECO:0000250}.
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Molecular Weight:	65.7 kDa
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UniProt:	Q9UGU5
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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