

Datasheet for ABIN7548266
HEXIM2 Protein (AA 1-286) (His tag)



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Overview

Quantity:	1 mg
Target:	HEXIM2
Protein Characteristics:	AA 1-286
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEXIM2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat HEXIM2 Protein expressed in mammalien cells.
Sequence:	MMATPNQTAC NAESPVALEE AKTSGAPGSP QTPPERHDSG GSLPLTPRME SHSEDEDLAG AVGGLGWNSR SPRTQSPGGC SAEAVLARKK HRRRPSKRKR HWRPYLELSW AEKQQRDERQ SQRASRVREE MFAKGQPVAP YNTTQFLMND RDPEEPNLDV PHGISHPGSS GESEAGSDSG RGRAHGEFQR KDFSETYERF HTESLQGRSK QELVRDYLEL EKRLSQAE EEE TRRLQQLQAC TGQQSCRQVE ELAAEVQRLR TENQRLRQEN QMWNREGCRC DEEPTG 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	HEXIM2
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Alternative Name:	HEXIM2 (HEXIM2 Products)
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Background:	Protein HEXIM2 (Hexamethylene bis-acetamide-inducible protein 2),FUNCTION: Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor (PubMed:15713661, PubMed:15713662). Core component of the 7SK RNP complex: in cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation (PubMed:15713661, PubMed:15713662). {ECO:0000269 PubMed:15713661, ECO:0000269 PubMed:15713662}.
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Molecular Weight:	32.4 kDa
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UniProt:	Q96MH2
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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.
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Application Details

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