

Datasheet for ABIN7557725

HESX Homeobox 1 Protein (HESX1) (AA 1-185) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HESX Homeobox 1 (HESX1)
Protein Characteristics:	AA 1-185
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HESX Homeobox 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Hesx1 Protein expressed in mammalien cells.
Sequence:	<p>MSPSLREGAQ LRESKPAPCS FSIESILGLD QKKDCTTSVR PHRPWTDTCG DSEKGGNPPL HAPDLPSETS FPCPVDHPRP EERAPKYENY FSASETRSLK RELSWYRGRR PRTAFTQNQV EVLENVFRVN CYPGIDIREQ LAQKLNLEED RIQIWFQNRK AKMKRSRRES QFLMAKKPFN PDLK</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. In case you have a special request, please contact us.</p>
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 mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- 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: HESX Homeobox 1 (HESX1)

Alternative Name: Hesx1 ([HESX1 Products](#))

Background: Homeobox expressed in ES cells 1 (Anterior-restricted homeobox protein) (Homeobox protein ANF) (Rathke pouch homeo box),FUNCTION: Required for the normal development of the forebrain, eyes and other anterior structures such as the olfactory placodes and pituitary gland. Possible transcriptional repressor. Binds to the palindromic PIII sequence, 5'-AGCTTGAGTCTAATTGAATTAAGTAC-3'. HESX1 and PROP1 bind as heterodimers on this palindromic site, and, in vitro, HESX1 can antagonize PROP1 activation. {ECO:0000269|PubMed:9620767}.

Molecular Weight: 21.5 kDa

UniProt: [Q61658](#)

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