

Datasheet for ABIN7548283
HES7 Protein (AA 1-225) (His tag)



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Overview

Quantity:	1 mg
Target:	HES7
Protein Characteristics:	AA 1-225
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HES7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat HES7 Protein expressed in mammalien cells.
Sequence:	MVTRDRAENR DGPKMLKPLV EKRRRDRINR SLEELRLLLL ERTRDQNLRN PKLEKAEILE FAVGYLRRERS RVEPPGVPRS PVQDAEALAS CYLSGFRECL LRLAAFAHDA SPAARAQLFS ALHGylRpkP PRPKVDPRP PAPRPSLDPA APALGPALHQ RPPVHQGHPS PRCAWSPSLC SPRAGDSGAP APLTGLLPPP PPPHRQDGAP KAPLPPPPAF WRPWP 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.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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: HES7

Alternative Name: HES7 ([HES7 Products](#))

Background: Transcription factor HES-7 (hHes7) (Class B basic helix-loop-helix protein 37) (bHLHb37) (Hairy and enhancer of split 7) (bHLH factor Hes7),FUNCTION: Transcriptional repressor. Represses transcription from both N box- and E box-containing promoters. May with HES1, cooperatively regulate somite formation in the presomitic mesoderm (PSM). May function as a segmentation clock, which is essential for coordinated somite segmentation (By similarity). {ECO:0000250}.

Molecular Weight: 24.9 kDa

UniProt: [Q9BYE0](#)

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