

Datasheet for ABIN7549697
NFE4 Protein (AA 1-179) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NFE4
Protein Characteristics:	AA 1-179
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFE4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NFE4 Protein expressed in mammalian cells.
Sequence:	<p>MPRVVCWHTL KSLNGYKNLS SGAETREGLR SSSPVDLPLR PRKQATAAGQ RKLLSLQLLL CACTSVTDLT YWGPAGHGAT APHRSLIAH LHLVPASSAA MKATGPHNAQ TQVNPQGHAP SAEDPTGTWT VSGPCKDHPH PFLSQSNPPT RISSALPLKT DSALEQTPQQ LPSLHLSQG</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>
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:	<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

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

Target Details

Target:	NFE4
Alternative Name:	NFE4 (NFE4 Products)
Background:	Transcription factor NF-E4,FUNCTION: Functions as part of the SSP (stage selector protein) complex, a complex that contributes to the preferential expression of the gamma-gene in fetal erythroid cells by facilitating the interaction of the gamma-globin genes with enhancer elements contained in the locus control region (LCR). The complex binds to the stage selector element (SSE) in the proximal gamma-globin promoter. In contrast, isoform 2 acts as a repressor of gamma-globin gene expression by preventing NFE2 and RNA polymerase II recruitment to the promoter. {ECO:0000269 PubMed:11003662, ECO:0000269 PubMed:15084587, ECO:0000269 PubMed:16263792}.
Molecular Weight:	19.0 kDa
UniProt:	Q86UQ8

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