

Datasheet for ABIN7549788
NFE2 Protein (AA 1-373) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NFE2
Protein Characteristics:	AA 1-373
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFE2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NFE2 Protein expressed in mammalian cells.
Sequence:	<p>MSPCPPQQR NRVIQLSTSE LGEMELTWQE IMSITELQGL NAPSEPSFEP QAPAPYLGPP</p> <p>PPTYCPCSI HPDSGFPLPP PPYELPASTS HVPDPPYSYG NMAIPVSKPL SLSGLLSEPL</p> <p>QDPLALLDIG LPAGPPKPQE DPESDSGLSL NYSDAESLEL EGTEAGRRRS EYVEMY PVEY</p> <p>PYSLMPNSLA HSNYTLPAAE TPLALEPSSG PVRAKPTARG EAGSRDERRA LAMKIPFPTD</p> <p>KIVNLPVDDF NELLARYPLT ESQALVRDI RRRGKNKVAA QNCRKRKLET IVQLERELER</p> <p>LTNERERLLR ARGEADRTLE VMRQQLTLEY RDIFQHLRDE SGNSYSPEEY ALQQAADGTI</p> <p>FLVPRGTKME ATD 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:	Key Benefits:

Product Details

- 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).

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:	NFE2
Alternative Name:	NFE2 (NFE2 Products)
Background:	Transcription factor NF-E2 45 kDa subunit (Leucine zipper protein NF-E2) (Nuclear factor, erythroid-derived 2 45 kDa subunit) (p45 NF-E2),FUNCTION: Component of the NF-E2 complex essential for regulating erythroid and megakaryocytic maturation and differentiation. Binds to the hypersensitive site 2 (HS2) of the beta-globin control region (LCR). This subunit (NFE2) recognizes the TCAT/C sequence of the AP-1-like core palindrome present in a number of erythroid and megakaryocytic gene promoters. Requires MAFK or other small MAF proteins for binding to the NF-E2 motif. May play a role in all aspects of hemoglobin production from globin and heme synthesis to procurement of iron. {ECO:0000269 PubMed:11154691, ECO:0000269 PubMed:16287851}.
Molecular Weight:	41.5 kDa
UniProt:	Q16621

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