

Datasheet for ABIN7547365
ERF Protein (AA 1-548) (His tag)



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Overview

Quantity:	1 mg
Target:	ERF
Protein Characteristics:	AA 1-548
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERF protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ERF Protein expressed in mammalian cells.
Sequence:	<p>MKTPADTGFA FPDWAYKPES SPGSRQIQLW HFILELLRKE EYQGVIWQGG DYGEFVIKDP DEVARLWGVR KCKPQMNYDK LSRALRYYYN KRILHKTGK RFTYKFNFNK LVLVNYFPID VGLAGGAVPQ SAPPVPSGGS HFRFPPSTPS EVLSPTEDPR SPPACSSSSS SLFSAVVARR LGRGSVSDCS DGTSELEEPL GEDPRARPPG PPDLGAFRGP PLARLPHDPG VFRVYPRPRG GPEPLSPFPV SPLAGPGSLL PPQLSPALPM TPTHLAYTPS PTLSPMYPSG GGGPSGSGGG SHFSFSPEDM KRYLQAHTQS VVNYHLSRA FLHYPGLVVP QPQRPDKCPL PPMAPETPPV PSSASSSSSS SSSPFKFKLQ PPPLGRRQRA AGEKAVAGAD KSGGSAGGLA EGAGALAPPP PPPQIKVEPI SEGESEEEV TDISDEDEED GEVFKTPRAP PAPPKPEPGE APGASQCMPL KLRFKRRWSE DCRLEGGGGP AGGFEDEGED KKVREGGPGE AGGPLTPRRV SSDLQHATAQ LSLEHRDS</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</p>

necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- 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, Western Blot

Grade:

custom-made

Target Details

Target:

ERF

Alternative Name:

ERF ([ERF Products](#))

Background:

ETS domain-containing transcription factor ERF (Ets2 repressor factor) (PE-2),FUNCTION: Potent transcriptional repressor that binds to the H1 element of the Ets2 promoter. May regulate other genes involved in cellular proliferation. Required for extraembryonic ectoderm differentiation, ectoplacental cone cavity closure, and chorioallantoic attachment (By similarity). May be important for regulating trophoblast stem cell differentiation (By similarity). {ECO:0000250}.

Molecular Weight:

58.7 kDa

UniProt:

[P50548](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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