

Datasheet for ABIN7556748
ERG Protein (AA 1-486) (His tag)



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Overview

Quantity:	1 mg
Target:	ERG
Protein Characteristics:	AA 1-486
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERG protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Erg Protein expressed in mammalian cells.
Sequence:	MIQTVDPDAA HIKEALSVVS EDQSLFECAY GTPHLAKTEM TASSSSDYGQ TSKMSRPVQ QDWLSQAPAR VTIKMECNPS QVNGSRNSPD ECSVNKGGKM VGSPDTVGMYS YGSYMEEKHV PPNMTTNER RVIVPADPTL WSTDHVRQWL EWAVKEYGLL DVDVLLFQNI DGKELCKMTK DDFQRLTPSY NADILLSHLH YLRETPLPHL TSDDVDKALQ NSPRLMHARN TGGAAFIFPN TSVYPEATQR ITTRPDLPE PRRSAWTGH SHLTPQSKAA QSPSAVPKT EDQRPQLDPY QILGPTSSRL ANPGSGQIQL WQFLLELLSD SSNSNCITWE GTNGEFKMTD PDEVARRWGE RKSKPNMNYD KLSRALRYYY DKNIMTKVHG KRYAYKFDH GIAQALQPHP PESSLYKYPS DLPYMGSYHA HPQKMNFBVSP HPPALPVTSS SFFASPNPYW NSPTGGIYPN TRLPASHMPS HLGTYT 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

ERG

Alternative Name:

Erg ([ERG Products](#))

Background:

Transcriptional regulator ERG,FUNCTION: Transcriptional regulator. May participate in transcriptional regulation through the recruitment of SETDB1 histone methyltransferase and subsequent modification of local chromatin structure.

Molecular Weight:

54.6 kDa

UniProt:

[P81270](#)

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