

Datasheet for ABIN7548924
KLF11 Protein (AA 1-512) (His tag)



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Overview

Quantity:	1 mg
Target:	KLF11
Protein Characteristics:	AA 1-512
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLF11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat KLF11 Protein expressed in mammalian cells.
Sequence:	MHTPDFAGPD DARAVDIMDI CESILERKRH DSERSTCSIL EQTDMEAVEA LVCMSWQQR SQKGDLLRIR PLTPVSDSGD VTTTVHMDAA TPELPKDFHS LSTLCITPPQ SPDLVEPSTR TPVSPQVTDS KACTATDV LQ SSAVVARALS GGAERGLLGL EPVPSSPCRA KGTSVIRHTG ESPAACFPTI QTPDCRLSDS REGEEQLLGH FETLQDTHLT DSLLSTNLVS CQPCLHKSGG LLLTDKGQQA GWPGAVQTCS PKNYENDLPR KTTPLISVSV PAPPVLCQMI PVTGQSSMLP AFLKPPQQLS VGTVRPILAQ AAPAPQPVFV GPAVPQGAVM LVLPQGALPP PAPCAANVMA AGNTKLLPLA PAPVFITSSQ NCVPQVDFSR RRYVCSFPG CRKTYFKSSH LKAHLRHTGT EKPFNCSWDG CDKKFARSDE LSRHRRHTGT EKKFVCPVCD RRFMRSDHLT KHARRHMTTK KIPGWQAEVG KLNRIASAES PGSPLVSMVA SA 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

Product Details

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:

KLF11

Alternative Name:

KLF11 ([KLF11 Products](#))

Background:

Krueppel-like factor 11 (Transforming growth factor-beta-inducible early growth response protein 2) (TGFB-inducible early growth response protein 2) (TIEG-2),FUNCTION: Transcription factor (PubMed:9748269, PubMed:10207080). Activates the epsilon- and gamma-globin gene promoters and, to a much lower degree, the beta-globin gene and represses promoters containing SP1-like binding inhibiting cell growth (PubMed:9748269, PubMed:10207080, PubMed:16131492). Represses transcription of SMAD7 which enhances TGF-beta signaling (By similarity). Induces apoptosis (By similarity). {ECO:0000250|UniProtKB:Q8K1S5, ECO:0000269|PubMed:10207080, ECO:0000269|PubMed:16131492}.

Molecular Weight:

55.1 kDa

UniProt:

[O14901](#)

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
