

Datasheet for ABIN7559300
KLF17 Protein (AA 1-341) (His tag)



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Overview

Quantity:	1 mg
Target:	KLF17
Protein Characteristics:	AA 1-341
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLF17 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Klf17 Protein expressed in mammalian cells.
Sequence:	<p>MEQDNKEQAM HQPPMDNKML VPVSNVPVSS GNSGFHQPPA TQYLPMMRS YMASAEELRC</p> <p>NEREWESQLI RSLPEHGVRC PSQLAPIPFQ NYCQRSIGRG SHVMPVGSSG TLGVTISFSE</p> <p>NLMPQGGGLPS SRGVSVMAHS SAPAMPYPMP PTVPATTGSL KHGILLVPGM ASAGTHAVAP</p> <p>FMDQMLHSIN PCNPEMLPAR FQQLPLDSQ DSLVTESNTQ EEPFVREPPT PAPEGAESPS</p> <p>TSRGATRRQS PVS RPVYCTY NSCGKSYTKR SHLVSHQRKH TGVKPFACDW NGCTWKFFRS</p> <p>DELGRHKRIH TRYRPHKCDE CDREFMRS DH LRQHKRTHLP K</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>
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, Western Blot
Grade:	custom-made

Target Details

Target:	KLF17
Alternative Name:	Klf17 (KLF17 Products)
Background:	Krueppel-like factor 17 (Germ cell-specific zinc finger protein) (Zinc finger protein 393),FUNCTION: Transcription repressor that binds to the promoter of target genes and prevents their expression. Acts as a negative regulator of epithelial-mesenchymal transition and metastasis in breast cancer. Specifically binds the 5'-CACCC-3' sequence in the promoter of ID1, a key metastasis regulator in breast cancer, and repress its expression. May be a germ cell-specific transcription factor that plays important roles in spermatid differentiation and oocyte development. {ECO:0000269 PubMed:19801974}.
Molecular Weight:	38.1 kDa
UniProt:	Q8CFA7

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
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Application Details

	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