

Datasheet for ABIN7563588
IKZF1 Protein (AA 1-517) (His tag)



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Overview

Quantity:	1 mg
Target:	IKZF1
Protein Characteristics:	AA 1-517
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IKZF1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ikzf1 Protein expressed in mammalian cells.
Sequence:	<p>MDVDEGQDMS QVSGKESPPV SDTPDEGDEP MPVPEDLSTT SGAQQNSKSD RGMGSNVKVE</p> <p>TQSDEENGRA CEMNGEECAE DLRMLDASGE KMNGSHRDQG SSALSGVGGI RLPNGKCLKCD</p> <p>ICGIVCIGPN VLMVHKRSHT ERPFQCNQCG ASFTQKGNLL RHIKLHSGEK PFKCHLCNYA</p> <p>CRRRDALTGH LRTHSVGKPH KCGYCGRSYK QRSSLEEHKE RCHNYLESMD LPGVCPVIKE</p> <p>ETNHNEMAED LCKIGAERSL VLDRLASNVA KRKSSMPQKF LGDKCLSDMP YDSANYEKED</p> <p>MMTSHVMDQA INNAINYLGA ESLRPLVQTP PGSSEVVPVI SSMYQLHKPP SDGPPRSNHS</p> <p>AQDAVDNLLL LSKAKSVSSE REASPSNSCQ DSTDTESNAE EQRSGLIYLT NHINPHARNG</p> <p>LALKEEQRAY EVLRAASENS QDAFRVVSTS GEQLKVYKCE HCRVLFLDHV MYTIHMGCHG</p> <p>CHGFRDPFEC NMCYHSQDR YEFSSHITRG EHRHLS Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p>

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:

IKZF1

Alternative Name:

Ikzf1 ([IKZF1 Products](#))

Background:

DNA-binding protein Ikaros (Ikaros family zinc finger protein 1) (Lymphoid transcription factor LyF-1),FUNCTION: Transcription regulator of hematopoietic cell differentiation. Binds gamma-satellite DNA. Binds with higher affinity to gamma satellite A. Plays a role in the development of lymphocytes, B- and T-cells. Binds and activates the enhancer (delta-A element) of the CD3-delta gene. Repressor of the TDT (terminal deoxynucleotidyltransferase) gene during thymocyte differentiation. Regulates transcription through association with both HDAC-dependent and HDAC-independent complexes. Targets the 2 chromatin-remodeling complexes, NuRD and BAF (SWI/SNF), in a single complex (PYR complex), to the beta-globin locus in adult erythrocytes. Increases normal apoptosis in adult erythroid cells (By similarity). Confers early temporal competence to retinal progenitor cells (RPCs). Function is isoform-specific and is modulated by dominant-negative inactive isoforms (By similarity). {ECO:0000250|UniProtKB:Q13422, ECO:0000269|PubMed:11003653, ECO:0000269|PubMed:1439790,

Target Details

	ECO:0000269 PubMed:15024069, ECO:0000269 PubMed:15767674, ECO:0000269 PubMed:16369973, ECO:0000269 PubMed:18223295, ECO:0000269 PubMed:18940586}.
Molecular Weight:	57.3 kDa
UniProt:	Q03267
Pathways:	Production of Molecular Mediator of Immune Response

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