

Datasheet for ABIN7564502
IKZF4 Protein (AA 1-586) (His tag)



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Overview

Quantity:	1 mg
Target:	IKZF4
Protein Characteristics:	AA 1-586
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IKZF4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ikzf4 Protein expressed in mammalian cells.
Sequence:	<p>MHTPPALPRR FQGGGRV RTP GSHRQ GKDN L EREL SGGCAP DFLPQAQDSN HFIMESLFCE</p> <p>SSGDSSLEKE FLGAPVGPSV STPN SQHSSP SRSL SANSIK VEMYSDEESS RLLGPDERLL</p> <p>DKDDSVIVED SLSEPLGYCD GSGPEPHSPG GIRLPNGKLK CDVCGMVCIG PNVLMVHKRS</p> <p>HTGERPFHCN QCGASFTQKG NLLRHIKLHS GEKPFKCPFC NYACRRRDAL TGHLRTHSVS</p> <p>SPTVGKPYKC NYCGRSYKQQ STLEEHKERC HNYLQSLSTD AQALTGQPGD EIRDLEMVPD</p> <p>SMLHPSTERP TFIDRLANSL TKRKRSTPQK FVGEKQMRFS LSDLPYDVNA SGGYEKDVEL</p> <p>VAHHGLEPGF GGSLAFVGTE HLRPLRLPPT NCISELTPVI SSVYTQMQPI PSRLELPGSR</p> <p>EAGEGPEDLG DGGPLLYRAR GS LTDPGASP SNGCQDSTD ESNHEDRIGG VVSLPQGPPP</p> <p>QPPPTIVVGR HSPAYAKEDP KPQEGLLRGT PGPSKEVLRV VGESGEPVKA FKCEHCRILF</p> <p>LDHVMFTIHM GCHGFRDPFE CNICGYHSQD RYEFSSHIVR GEHKVG Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a</p>

different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	IKZF4
Alternative Name:	Ikzf4 (IKZF4 Products)
Background:	<p>Zinc finger protein Eos (Ikaros family zinc finger protein 4),FUNCTION: DNA-binding protein that binds to the 5'GGGAATRCC-3' Ikaros-binding sequence. Interacts with SPI1 and MITF to repress transcription of the CTSK and ACP5 promoters via recruitment of corepressors SIN3A and CTBP2. May be involved in the development of central and peripheral nervous systems.</p> <p>Essential for the inhibitory function of regulatory T-cells (Treg). Mediates FOXP3-mediated gene silencing in regulatory T-cells (Treg) via recruitment of corepressor CTBP1</p> <p>(PubMed:19696312). {ECO:0000269 PubMed:10218586, ECO:0000269 PubMed:17403896, ECO:0000269 PubMed:19696312}.</p>
Molecular Weight:	64.2 kDa
UniProt:	Q8C208

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.
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Restrictions:	For Research Use only
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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