

Datasheet for ABIN7554166
IKZF4 Protein (AA 1-585) (His tag)



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Overview

Quantity:	1 mg
Target:	IKZF4
Protein Characteristics:	AA 1-585
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IKZF4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant IKZF4 Protein expressed in mammalian cells.
Sequence:	<p>MHTPPALPRR FQGGGRV RTP GSHRQ GK DNL ERDP SGGCVP DFLPQAQDSN HFIMESLFCE</p> <p>SSGDSSLEKE FLGAPVGPSV STPN SQHSSP SRSL SANSIK VEMYSDEESS RLLGPDERLL</p> <p>EKDDSVIVED SLSEPLGYCD GSGPEPHSPG GIRLPNGKLK CDVCGMVCIG PNVLMVHKRS</p> <p>HTGERPFHCN QCGASFTQKG NLLRHIKLHS GEKPFKCPFC NYACRRRDAL TGHLRTHSVS</p> <p>SPTVGKPYKC NYCGRSYKQQ STLEEHKERC HNYLQSLSTE AQALAGQPGD EIRDLEMVPD</p> <p>SMLHSSSERP TFIDRLANSL TKRKRSTPQK FVGEKQMRFS LSDLPYDVNS GGYEKDVELV</p> <p>AHHSLEPGFG SSLAFVGAEH LRPLRLPPTN CISELTPVIS SVYTQMQLP GRLELPGSRE</p> <p>AGEGPEDLAD GGPLYRPRG PLTDPGASPS NGCQDSTDTE SNHEDRVAGV VSLPQGPPPQ</p> <p>PPPTI WVGRH SPAYAKEDPK PQEGLLRGTP GPSKEVLRVV GESGEPVKAF KCEHCRILFL</p> <p>DHVMFTIHMG CHGFRDPFEC NICGYHSQDR YEFSSHIVRG EHKVG 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</p>

request, please contact us.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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'GGGAATGCC-3' Ikaros-binding sequence. Transcriptional repressor. 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. 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 (By similarity). {ECO:0000250 UniProtKB:Q8C208, ECO:0000269 PubMed:10978333, ECO:0000269 PubMed:12015313, ECO:0000269 PubMed:12444977}.</p>

Target Details

Molecular Weight: 64.1 kDa

UniProt: [Q9H2S9](#)

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