

Product datasheet for TP319750M

IKZF3 (NM_183231) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human IKAROS family zinc finger 3 (Aiolos) (IKZF3), transcript variant 5, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219750 representing NM_183231 Red=Cloning site Green=Tags(s)

MEDIQTNAELKSTQEQSVPAESA AVLNDYSLTKSHEMENVDSGEGPANEDEDIGDDSMKVKDEYSERDEN
VLKSEPMGNAEEPEIPYSYSREYNEYENIKLERHVVSFDSRPTSGKMNCDVCGLSISFNVLMVHKRSH
TASAEARHIKAEMGSERALVLDRLASNVAKRKSSMPQKFIGEKRHCFDVNYNSSYMYEKESELIQTRMMD
QAINNAISYLGAEALRPLVQTPPAPTSEMVPVISSMYPIALTRAEMSNGAPQELEKKSIIHLPEKSVPSER
GLSPNNSGHDSTDTDSNHEERQNHYYQQNHMVLSRARNGMPLLEKVPVRSYELLKPPPICPRDSVKVINKE
GEVMDVYRCDHCRVLF LDYVMFTIHMGC HGFDRDPFECNMCGYRSHDRYEFSSHIARGEHRALLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_899054</u>

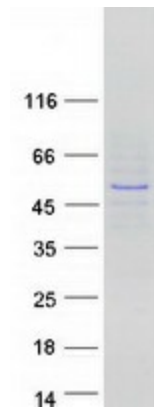


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Locus ID: 22806
UniProt ID: [Q9UKT9](#)
RefSeq Size: 2152
Cytogenetics: 17q12-q21.1
RefSeq ORF: 1242
Synonyms: AIO; AIOLOS; ZNFN1A3

Summary: This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation of gene expression in B lymphocytes by Aiolos is complex as it appears to require the sequential formation of Ikaros homodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. Several alternative transcripts encoding different isoforms have been described, as well as some non-protein coding variants. [provided by RefSeq, Apr 2012]

Product images:



Coomassie blue staining of purified IKZF3 protein (Cat# [TP319750]). The protein was produced from HEK293T cells transfected with IKZF3 cDNA clone (Cat# [RC219750]) using MegaTran 2.0 (Cat# [TT210002]).