

Product datasheet for PH319750

IKZF3 (NM_183231) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IKZF3 MS Standard C13 and N15-labeled recombinant protein (NP_899054)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219750
Predicted MW:	46.8 kDa
Protein Sequence:	>RC219750 representing NM_183231 Red=Cloning site Green=Tags(s)

MEDIQTNAELKSTQEQSVPAESA AVLNDYSLTKSHEMENVDSGEGPANEDEDIGDDSMKVKDEYSERDEN
VLKSEPMGNAEPEIPYSYSREYNEYENIKLERHVVSFDSSRPTSGKMNCDCVGLSCISFNVLMVHKRSH
TASAEARHIKAEMGSERALVLDRLASNVAKRKSSMPQKFIGEKRHCFDVNYNSSYMYEKESELIQTRMMD
QAINNAISYLGAEALRPLVQTPAPTSEMVPVISSMYPIALTRAEMSNGAPQELEKKSIIHLPEKSVPSER
GLSPNNSGHDSTDTDSNHEERQNHIIYQQNHMVL SRARNGMPLLKEVPRSYELLKPPPICPRDSVKVINKE
GEVMDVYRCDHCRVLF LDYVMFTIHMGC HGRDPFECNMCGYRSHDRYEFSSHIARGEHRALLK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_899054</u>
RefSeq Size:	2152
RefSeq ORF:	1242
Synonyms:	AIO; AIOLOS; ZNFN1A3
Locus ID:	22806



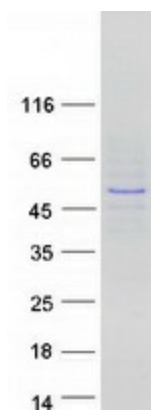
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UniProt ID: [Q9UKT9](#)

Cytogenetics: 17q12-q21.1

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]).