

Product datasheet for PH307547

IKZF3 (NM_012481) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IKZF3 MS Standard C13 and N15-labeled recombinant protein (NP_036613)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207547
Predicted MW:	58 kDa
Protein Sequence:	>RC207547 protein sequence Red=Cloning site Green=Tags(s)

MEDIQTNAELKSTQEQSVPAESA AVLNDYSLTKSHEMENVDSGEGPANEDEDIGDDSMKVKDEYSERDEN
VLKSEPMGNAEEPEIPYSYSREYNEYENIKLERHVVSFDSSRPTSGKMNCDCVGLSCISFNVLMVHKRSH
TGERPFQCNQCGASFTQKGNLLRHIKLTGKPFKCHLCNYACQRRDALTGHLRTHSVEKPYKCEFCGRS
YKQRSSLEEKERCRTFLQSTDPGDTASAEARHIKAEMGSERALVLDRLASNVAKRKSSMPQKFIDGEKRH
CFDVNYNSSMYEKESELIQTRMMDQAINNAISYLGAEALRPLVQTPAPTSEMVPVISSMYPIALTRAE
MSGAPQELEKKSIIHLPEKSVPSERGLSPNNSGHDSTDTDSNHEERQNHIIYQQNHMVL SRARNGMPLLKE
VPRSYELLKPPPICPRDSVKVINKEGEVMDVYRCDHCRVLF LDYVMFTIHMGC HGF RDPFECNMCGYRSH
DRYEFSSHIARGEHRALLK

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:	NP_036613
RefSeq Size:	9686
RefSeq ORF:	1527

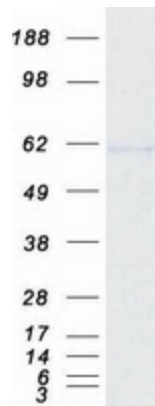


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Synonyms: AIO; AIOLOS; ZNFN1A3
Locus ID: 22806
UniProt ID: [Q9UKT9](#)
Cytogenetics: 17q12-q21.1

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# [TP307547]). The protein was produced from HEK293T cells transfected with IKZF3 cDNA clone (Cat# [RC207547]) using MegaTran 2.0 (Cat# [TT210002]).