

## Product datasheet for **TP307547L**

### **IKZF3 (NM\_012481) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human IKAROS family zinc finger 3 (Aiolos) (IKZF3), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC207547 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEDIQTNAELKSTQEQSVPAESA AVLNDYSLTKSHEMENVDSGEGPANEDIGDDSMKVKDEYSERDEN  
VLKSEPMGNAEPEIPYSYSREYNEYENIKLERHVVSFDSSRPTSGKMNCDVCLSCISFNVLMVHKRSH  
TGERPFQCNQCGASFTQKGNLLRHIKLHTGEKPFKCHLCNYACQRRDALTGHLRTHSVEKPYKCFEFCGRS  
YKQRSSLEEHKERCRTFLQSTDPGDTASAEARHIKAEMGSERALVLDRLASNVAKRKSSMPQKFIGEKRH  
CFDVNYNSSYMYEKESELIQTRMMDQAINNAISYLGAEALRPLVQTPPAPTSEMVPVISSMYPIALTRAE  
MSNGAPQELEKKSIIHLPEKSVPSERGLSPNNSGHDSTDTDSNHEERQNHIIYQQNHMVL SRARNGMPLLKE  
VPRS YELLKPPPICPRDSVKVINKEGEVMDVYRCDHCRVFLDYVMFTIHMGC HGRDPFECNMCGYRSH  
DRYEFSSHIARGEHRALLK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 57.8 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.

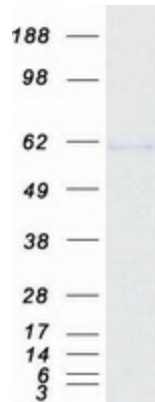
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_036613</a>
<b>Locus ID:</b>	22806
<b>UniProt ID:</b>	<a href="#">Q9UKT9</a>
<b>RefSeq Size:</b>	9686
<b>Cytogenetics:</b>	17q12-q21.1
<b>RefSeq ORF:</b>	1527
<b>Synonyms:</b>	AIO; AIOLOS; ZNFN1A3
<b>Summary:</b>	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]).