

Product datasheet for **TP519404**

Il1f5 (NM_001146087) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 1 family, member 5 (delta) (Il1f5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219404 representing NM_001146087 Red =Cloning site Green =Tags(s) MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAEKVIKGGEEISVVPNRALDASLSPVILGVQGGSQLSC GTEKGPILKLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTSPEADQPVRLTQIPEDP AWDAPITDFYFQQCD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	17.6 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
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 after receiving vials.
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_001139559</u>
Locus ID:	54450
UniProt ID:	<u>Q9QYY1</u>
RefSeq Size:	1848
Cytogenetics:	2 16.31 cM



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RefSeq ORF: 468

Synonyms: AI413231; Fil1delta; Il-1h3; IL-36Ra; Il1hy1; IL36RN

Summary: Inhibits the activity of interleukin-36 (IL36A,IL36B and IL36G) by binding to receptor IL1RL2/IL-36R and preventing its association with the coreceptor IL1RAP for signaling. Part of the IL-36 signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor. Proposed to play a role in skin inflammation. May be involved in the innate immune response to fungal pathogens. May activate an anti-inflammatory signaling pathway by recruiting SIGIRR.[UniProtKB/Swiss-Prot Function]