

## Product datasheet for **TP723230**

### IL1f5 (NM\_019451) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse interleukin 1 family, member 5 (delta) (IL1f5), transcript variant 2.
<b>Species:</b>	Mouse
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	VLSGALCFRM KDSALKVLYL HNNQLLAGGL HAEKVIKGEE ISVVPNRALD ASLSPVILGV QGGSQCLSCG TEKGPILKLE PVNIMELYLG AKESKSFTFY RRDMLTSSF ESAAYPGWFL CTSPEADQPV RLTQIPEDPA WDAPITDFYF QQCD
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	17 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Bioactivity:</b>	Measured by its ability to inhibit IL-36γ induced IL-6 production by human PBMCs.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_062324</a>
<b>Locus ID:</b>	54450
<b>UniProt ID:</b>	<a href="#">Q9QYY1</a>
<b>RefSeq Size:</b>	1759
<b>Cytogenetics:</b>	2 16.31 cM
<b>RefSeq ORF:</b>	468
<b>Synonyms:</b>	AI413231; Fil1delta; IL-1h3; IL-36Ra; IL1hy1; IL36RN



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**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]

**Product images:**