

Product datasheet for **TP723749**

IL13 (NM_008355) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 13 (IL13)
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Mouse IL-13, the region of Ser26-Phe131, from gene Accession# NM_008355
Tag:	Tag Free
Predicted MW:	11.7 kDa
Concentration:	lot specific
Purity:	Purity is >98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaH ₂ PO ₄ , 150 mM NaCl, pH 7.2
Bioactivity:	The ED ₅₀ is 1.5 to 3.5 ng/ml, corresponding to a specific activity of 6.6 to 2.85 x 10 ⁵ units/mg, determined by the dose dependent stimulation of TF-1 cells proliferation.
Endotoxin:	Less than 0.01 ng per ug protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_032381
Locus ID:	16163
UniProt ID:	P20109
RefSeq Size:	1217
Cytogenetics:	11 31.98 cM
RefSeq ORF:	393
Synonyms:	IL-13



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Summary:

Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses (By similarity). Positively regulates IL31RA expression in macrophages (PubMed:25847241).[UniProtKB/Swiss-Prot Function]

Product images: