

Product datasheet for **TP723191**

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:	MPVPRSVSLP LTLKELIEEL SNITQDQTPL CNGSMWWSVD LAAGGFCVAL DSLTNISNCN AIYRTQRILH GLCNRKAPTT VSSLPDTKIE VAHFITKLLS YTKQLFRHGP F
Tag:	Tag Free
Predicted MW:	12.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	The ED50 as determined by the dose-dependent proliferation of TF-1 cells was > 4.0 ng/ml, corresponding to a specific activity of > 2.5 x 10 ⁵ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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: