

Active Recombinant Mouse Il13 Protein

Cat. No. Il13-087M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse interleukin 13 (Il13) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
Description	Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses. Positively regulates IL31RA expression in macrophages.
Bio-activity	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.
Molecular Mass	12.3 kDa
AA Sequence	MPVPRSVSLPLTLKELIEELSNITQDQTPLCNGSMVWSVDLAAGGFCVALDSLTNISN CNAIYRTQRILHGLCNRKAPTTVSSLPDTKIEVAHFITKLLSYTKQLFRHGPF
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)
Purity	>95%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling conditions.

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Storage	Store at -80 centigrade.
Storage Buffer	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Reconstitution	Resuspend the protein in the desired concentration in proper buffer.

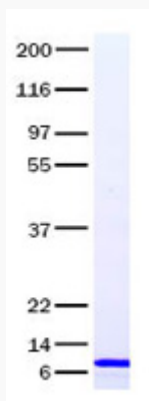
GENE INFORMATION

Gene Name	Il13 interleukin 13 [Mus musculus (house mouse)]
Official Symbol	Il13
Synonyms	Il13; interleukin 13; Il-13; interleukin-13; T-cell activation protein P600
Gene ID	16163
mRNA Refseq	NM_008355
Protein Refseq	NP_032381
UniProt ID	P20109

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