Recombinant Mouse Il3ra

Cat. No. Il3ra-8312M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il3ra was expressed in Sf 21 Insect Cells.
Species	Mouse
Source	Sf21 Cells
Description	Interleukin 3 receptor, alpha (low affinity) (IL3RA), also known as CD123 (Cluster of Differentiation 123), is a mouse gene.
Molecular Mass	The predicted molecular weight of Recombinant Mouse IL-3 Rα is Mr 61.0 kDa. However, the actual molecular weight as observed by migration on SDS-PAGE is Mr 70-80 kDa.
AA Sequence	sdlaavreap ptavttpiqn lhidpahytl swdpapgadi ttgafcrkgr difvwadpgl arcsfqslsl chvtnftvfl gkdravagsi qfppdddgdh eaaaqdlrcw vhegqlscqw ergpkatgdv hyrmfwrdvr lgpahnrecp hyhsldvnta gpaphggheg ctldldtvlg stpnspdlvp qvtitvngsg ragpvpcmdn tvdlqraevl apptltvecn gseaharwva rnrfhhgllg ytlqvnqssr sepqeynvsi phfwvpnaga isfrvksrse vyprklssws eawglvcppe vmpvkkscdk thtcppcpap ellggpsvfl fppkpkdtlm isrtpevtcv vvdvshedpe vkfnwyvdgv evhnaktkpr eeqynstyrv vsvltvlhqd wlngkeykck vsnkalpapi ektiskakgq prepqvytlp psrdeltknq vsltclvkgf ypsdiavewe sngqpennyk ttppvldsdg sfflyskltv dksrwqqgnv fscsvmheal hnhytqksls lspgk
Endotoxin	<0.1 ng per 1 μg as determined by the lal
Purity	>90% by SDS-PAGE and analyzed by silver stain.

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Storage	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

GENE INFORMATION

Gene Name	Il3ra interleukin 3 receptor, alpha chain [Mus musculus]
Official Symbol	Il3ra
Synonyms	IL3RA; interleukin 3 receptor, alpha chain; interleukin-3 receptor subunit alpha; IL-3RA; IL-3R-alpha; Il-3 alpha subunit; IL-3R subunit alpha; IL-3 receptor alpha chain; IL-3 receptor subunit alpha; IL-3 receptor alpha SP2 isoform; interleukin-3 receptor class II alpha chain; CD123; SUT-1; CDw123;
Gene ID	16188
mRNA Refseq	NM_008369
Protein Refseq	NP_032395
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; IL-3 Signaling Pathway, organism-specific biosystem;
Function	cytokine receptor activity; receptor activity;

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