

Recombinant Mouse IL3RA Protein, hlgG-His-tagged

Cat. No. IL3RA-03M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL3RA Protein, fused to hlgG-His-tag, was expressed in Insect Cell.
Species	Mouse
Source	Insect Cells
ProteinLength	17-331aa
Description	Enables interleukin-3 binding activity and interleukin-3 receptor activity. Acts upstream of or within interleukin-3-mediated signaling pathway; monocyte differentiation; and regulation of cell growth. Located in membrane. Is expressed in several structures, including cardiovascular system mesenchyme; dorsal aorta; early conceptus; genitourinary system; and umbilical or vitelline vessel. Orthologous to human IL3RA (interleukin 3 receptor subunit alpha).
Form	Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 30% glycerol.
Molecular Mass	61.5 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 RNRFHGLLG

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	YTLQVNQSSR SEPQEYNVSI PHFWVPNAGA ISFRVKSRSE VYPRKLSSWS EAWGLVCPPE VMPVK
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method).
Purity	> 90%
Applications	SDS-PAGE
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at 2 centigrade to 8 centigrade for 1 week. For long term storage, aliquot and store at -20 centigrade to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	IL3ra interleukin 3 receptor, alpha chain [Mus musculus (house mouse)]
Official Symbol	IL3RA
Synonyms	Interleukin-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha, nterleukin-3 receptor class II alpha chain; L3RA; CD123; hIL-3Ra; IL3R; IL3RAY; IL3RX; IL3RY; CDW123; SUT-1
Gene ID	16188
mRNA Refseq	NM_008369

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Protein Refseq	NP_032395
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UniProt ID	P26952
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