

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	<p>SDLAAVREAP PTAVTTPIQN LHIDPAHYTL SWDPAPGADI TTGAFCRKGR DIFVWADPGL ARCSFQSLSL CHVTNFTVFL GKDRAVAGSI QFPPDDDDGDH EAAAQDLRCW VHEGQLSCQW ERGPKATGDV HYRMFWRDVR LGPAHNRECP HYHSLDVNTA GPAPHGGHEG CTLDLDTVLG STPNPDLVP QVTITVNGSG RAGVPCMDN TVDLQRAEVL APPTLTVECN GSEAHARWVA RNRFHGGLL</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

YTLQVQNQSSR 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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UniProt ID P26952

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