

Recombinant Mouse Il2ra Protein (Met1-Lys236), His tagged

Cat. No. Il2ra-5424M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse CD25 (Met1-Lys236) fused with His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Lys236
Description	Enables interleukin-2 binding activity and interleukin-2 receptor activity. Acts upstream of or within several processes, including Notch signaling pathway; activation-induced cell death of T cells; and regulation of T cell proliferation. Located in external side of plasma membrane. Is expressed in bone marrow. Used to study Sjogren's syndrome and inflammatory bowel disease. Human ortholog (s) of this gene implicated in immunodeficiency 41; lymphopenia; multiple sclerosis; type 1 diabetes mellitus; and type 1 diabetes mellitus 10. Orthologous to human IL2RA (interleukin 2 receptor subunit alpha).
Form	Lyophilized powder/frozen liquid
Molecular Mass	28 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.6.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Il2ra interleukin 2 receptor, alpha chain [Mus musculus (house mouse)]
Official Symbol	Il2ra
Synonyms	IL2RA; interleukin 2 receptor, alpha chain; interleukin-2 receptor subunit alpha; IL2-RA; IL-2-RA; p55 chain; IL-2R alpha chain; IL-2R subunit alpha; IL-2 receptor subunit alpha; CD25; Il2r; Ly-43; MGC130561;
Gene ID	16184
mRNA Refseq	NM_008367
Protein Refseq	NP_032393
UniProt ID	P01590

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