Recombinant Mouse Il13ra1 protein, His-tagged

Cat. No. Il13ra1-1737M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il13ra1 aa. (Ile201~Leu360 (Accession # O09030)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile201~Leu360
Description	This gene encodes a transmembrane protein that complexes with interleukin 4 receptor alpha (IL4RA) to form a functional receptor for interleukin-13. Signalling through this pathway mediates allergy response and occurs during bronchial asthma.
Form	Freeze-dried powder
Molecular Mass	20 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Il13ra1 interleukin 13 receptor, alpha 1 [Mus musculus (house mouse)]
Official Symbol	Il13ra1
Synonyms	Il13ra1; interleukin 13 receptor, alpha 1; NR4; Il13ra; CD213a1; AI882074; IL-13r[a]; IL-13R-alpha-1; interleukin-13 receptor subunit alpha-1; IL-13 receptor subunit alpha-1; IL-13R subunit alpha-1; interleukin-13-binding protein; novel cytokine receptor 4
Gene ID	16164
mRNA Refseq	NM_133990.5
Protein Refseq	NP_598751.3
UniProt ID	O09030

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