Active Recombinant Mouse Il13ra2 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Il13ra2-1056MAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Mouse Il13ra2 (Accession # O88786), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Form	Lyophilized
Bio-activity	Measured by its ability to inhibit IL-13-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.01 - 0.03 μg/mL in the presence of 8 ng/mL of recombinant mouse IL-13.
Molecular Mass	Recombinant Mouse Il13ra2, Fc Chimera has a calculated MW of 63 kDa (monomer). In SDS-PAGE migrates as 85-90 kDa, reducing conditions.
N-terminal Sequence Analysis	Leu 22
Purity	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm

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	Emission = 668 nm
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	Il13ra2 interleukin 13 receptor, alpha 2 [Mus musculus]
Official Symbol	Il13ra2
Synonyms	IL13RA2; interleukin 13 receptor, alpha 2; interleukin-13 receptor subunit alpha-2; IL-13RA2; IL-13R-alpha-2; IL-13R subunit alpha-2; IL-13 receptor subunit alpha-2; CD213a2;
Gene ID	16165
mRNA Refseq	NM_008356
Protein Refseq	NP_032382

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