

Recombinant Mouse IL10RA protein, Fc-tagged

Cat. No. IL10RA-214M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL10RA protein (Met1-Asn238) was fused to human IgG1 Fc tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Mouse
Source	HEK293
ProteinLength	460
Description	CD210, also known as IL1RA, is a receptor for interleukin 1. CD210 has been shown to mediate the immunosuppressive signal of interleukin 1, and thus inhibits the synthesis of proinflammatory cytokines. It is structurally related to IFN receptors. It has been reported that CD210 promotes survival of progenitor myeloid cells. Activation of CD210 leads to tyrosine phosphorylation of JAK1 and TYK2 kinases.
Predicted N Terminal	Leu 17
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant mouse IL10RA consists of 460 amino acids and predicts a molecular mass of 52.7 kDa.
Endotoxin	<1.0 EU per µg protein as determined by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

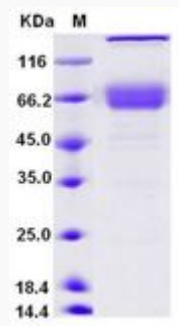
Gene Name	Il10ra
Official Symbol	Il10ra
Synonyms	Il10r; CDw210; CDw210a; IL-10R1; IL-10RA; mIL-10R; AW553859
Gene ID	16154
mRNA Refseq	NM_008348.3
Protein Refseq	NP_032374.1
UniProt ID	Q61727

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**SDS-PAGE of
IL10RA-214M**



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