

Active Recombinant Mouse IL23R protein, Fc-tagged

Cat. No. IL23R-348M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL23R protein(Gly 24 - Asp 372) (Q8K4B4-1), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gly 24 - Asp 372
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Mouse IL-23R, Fc Tag on Protein A Biosensor, can bind Mouse IL-23A&IL-12B Heterodimer Protein, His Tag&Tag Free with an affinity constant of 23.1 nM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	The protein has a calculated MW of 66.8 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please avoid repeated freeze-thaw cycles.
This product is stable after storage at:
-20°C to -70°C for 12 months in lyophilized state;
-70°C for 3 months under sterile conditions after reconstitution.

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.

GENE INFORMATION

Gene Name	IL23r interleukin 23 receptor[Mus musculus]
Official Symbol	IL23r
Synonyms	IL23r; interleukin23 receptor; IL-23R; interleukin-23receptor; IL-23 receptor
Gene ID	209590
mRNA Refseq	NM_144548
Protein Refseq	NP_653131
UniProt ID	Q8K4B4

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