

Active Recombinant Mouse IL6R protein, His-Avi-tagged, Biotinylated

Cat. No. IL6R-0186M Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse IL6R protein(Leu20-Glu357), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	20-357 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse IL-6, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse IL-6 R alpha, His,Avitag with a linear range of 20-156 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 41.0 kDa. The protein migrates as 45-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu20-Glu357
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after 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.

Conjugation

Biotin

GENE INFORMATION**Official Symbol**

IL6R

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