Active Recombinant Human IL6R, His-tagged

Cat. No. IL6R-428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6R (Accession # ACC04617) Ala22-Val346, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	22-346 a.a.
Predicted N Terminal	Ala22
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit Wnt-3a-induced alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells.The ED50 for this effect is typically 4-20 μg/mL, in the presence of 10 ng/mL of Recombinant Mouse Wnt-3a.Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human IL6R, His-tagged has a calculated MW of 38.9 kDa. In SDS-PAGE migrates as 55 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).
Reconstitution	Reconstitute at 250 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	IL6R interleukin 6 receptor [Homo sapiens]
Official Symbol	IL6R
Synonyms	IL6R; interleukin 6 receptor; interleukin-6 receptor subunit alpha; CD126; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-6 receptor subunit alpha; gp80; IL6RA; IL-6RA; IL-6R-1; MGC104991;
Gene ID	3570
mRNA Refseq	NM_000565
Protein Refseq	NP_000556
MIM	147880
UniProt ID	P08887
Chromosome Location	1q21

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