

Recombinant Rat interleukin 6 Protein, His&Flag tagged

Cat. No. IL6-076R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant rat IL-6 protein (P20607) (Phe 25-Thr 211) with both His, Flag tag at the C-terminus was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	25-211aa
Description	Enables cytokine activity and interleukin-6 receptor binding activity. Involved in several processes, including cellular response to lipid; positive regulation of cell communication; and response to peptide hormone. Located in cytoplasm and extracellular space. Used to study several diseases, including acute necrotizing pancreatitis; disseminated intravascular coagulation; fatty liver disease; hypertension (multiple); and impotence. Biomarker of several diseases, including acute necrotizing pancreatitis; artery disease (multiple); auditory system disease (multiple); iron deficiency anemia; and lung disease (multiple). Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); eye disease (multiple); gastrointestinal system cancer (multiple); glucose metabolism disease (multiple); and periodontal disease (multiple). Orthologous to human IL6 (interleukin 6).
Tag	C-His&Flag
Molecular Mass	24.4 kDa

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Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 μg/mL in sterile water.

GENE INFORMATION

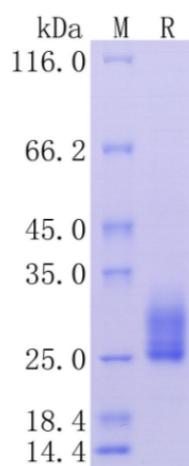
Gene Name	IL6 interleukin 6 [<i>Rattus norvegicus</i>]
Official Symbol	IL6
Synonyms	IL6; interleukin 6; interleukin-6; IL-6; Interleukin 6 (interferon, beta 2); ILg6; Ifnb2;
Gene ID	24498
mRNA Refseq	NM_012589
Protein Refseq	NP_036721
UniProt ID	P20607

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**Protein on SDS-
PAGE under
reducing (R)
condition.**



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