

Interleukin-6 Recombinant Protein | IL6 recombinant protein

Recombinant Sheep Interleukin-6

CATALOG # AAA113354	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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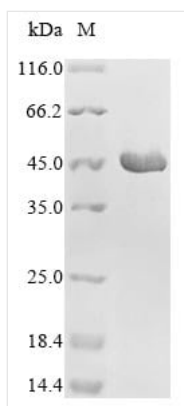
PRODUCT SYNONYMS

Interleukin-6; Recombinant Sheep Interleukin-6; IL6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	30-208aa; Full Length of Mature Protein
Sequence	GPLGEDFKND TTPSRLLTT PEKTEALIKH IVDKISAIRK EICEKNDECE NSKETLAENK LKLPKMEEKD GCFQSGFNQA ICLIKTTAGL LEYQIYDLF QNEFEGNQET VMELQSSIRT LIQILKEKIA GLITTPATHT DMLEKMQSSN EWVKNKAVII ILRSLENFLQ FSLRAIRMK
Sequence Length	208
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IL6 recombinant protein	Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. Acts on B-cells, T-cells, hepatocytes, hatopoietic progenitor cells and cells of the CNS. Required for the generation of T(H)17 cells. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation.
References	Molecular cloning and characterization of a ruminant interleukin-6 cDNA.Andrews A.E., Barcham G.J., Ashman K., Meeusen E.N.T., Brandon M.R., Nash A.D.Immunol. Cell Biol. 71:341-348(1993) Ebrahimi B.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57164389
NCBI GeneID	443406
NCBI Accession #	NP_001009392.1
NCBI GenBank Nucleotide #	NM_001009392.1
UniProt Accession #	P29455
Molecular Weight	22.5 kDa
NCBI Official Full Name	interleukin-6
NCBI Official Symbol	IL6
NCBI Protein Information	interleukin-6
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6
UniProt Entry Name	IL6_SHEEP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.