Interleukin-6 (IL6) Mustela Vison Recombinant Protein

PRODUCT OVERVIEW

Product Name	Interleukin-6 (IL6), Recombinant Protein
Full Product Name	Recombinant Mustela vison Interleukin-6 (IL6)
Product Gene Name	IL6 recombinant protein
Sequence	AENNLKLPKL AEKDKCFQSQ FNQETCMTRI TTGLQEFQIH LKYLEANYEG NKNNAHSVYI STKHLLQKLR PMNQVEVTTP NPTTDSSLQA LFKSQDKWLK HVTIHLILRS LEDFLQFSLR AIRIM
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	14,604 Da
Sequence Positions	1-125, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P41693
Species	Mustela vison (American mink) (Neovison vison)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IL6 recombinant protein	MBS1075940 is a recombinant protein targeting IL6. Also known as Recombinant Mustela vison Interleukin-6 (IL6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of IL6 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL6. It may not necessarily be applicable to this product.

NCBI GI #	1170541
NCBI Accession #	P41693.1
UniProt Primary Accession #	P41693
NCBI Official Full Name	Interleukin-6
UniProt Protein Name	Interleukin-6
Protein Family	Interleukin
UniProt Gene Name	IL6

UniProt Synonym Gene Names	IL-6
UniProt Comments for IL6	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, hematopoietic 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 ().
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