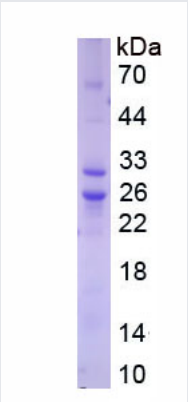
Interleukin 6 (IL6) Active Protein

PRODUCT OVERVIEW

Product Name	Interleukin 6 (IL6), Active Protein
Full Product Name	Active Interleukin 6 (IL6)
Product Gene Name	IL6 active protein
Product Synonym Names	Interleukin 6; IL6 active protein (eukaryotic, 293F Cell), Pig; MGI2-A; MGI2A; HGF; BSF2; HSF; IFNB2; B-Cell Stimulatory Factor-2; Hybridoma/Plasmacytoma Growth Factor; Hepatocyte Stimulating Factor; Cytotoxic T-Cell Differentiation Factor
Host	293F Cell
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Purity/Purification	Greater than 97% by SDS-PAGE
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.
Molecular Weight	23,953 Da
Sequence Positions	Gly30~Met212
3D Structure	ModBase 3D Structure for P26893
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Active Protein Note	Protein activity can be an ambiguous term. Please refer to the data sheet or inquire with Technical Support to determine the definition of activity for this product.
Expression System	Eukaryotic expression
Species	Pig
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.8
Research Area	Cytokine
Product Categories/Family for IL6 active protein	Active proteins
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for IL6 active protein	Cell culture, Activity Assay
Related Product Information for IL6 active protein	MBS2153175 is an active protein targeting IL6. Also known as Active Interleukin 6 (IL6). Host: 293F Cell.
Other Notes	Small volumes of IL6 active 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.



SDS-PAGE of IL6 active protein
Figure. SDS-PAGE

ADDITIONAL DETAILS

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

NCBI GI #	21264447
NCBI GeneID	100628202
NCBI Accession #	P26893.2
UniProt Primary Accession #	P26893
UniProt Secondary Accession #	Q95KN6
NCBI Official Full Name	Interleukin-6
NCBI Official Symbol	IL-6
UniProt Protein Name	Interleukin-6
Protein Family	Interleukin
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6
NCBI Protein Information	interleukin-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 ().
Research Articles on IL6	**1.** IL-6 was low or undetectable in Boar seminal plasma.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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