Interleukin-11 Receptor Subunit Alpha-1 (IL11RA1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Interleukin-11 receptor subunit alpha-1 (Il11ra1), Recombinant Protein
Full Product Name	Recombinant Mouse Interleukin-11 receptor subunit alpha-1 (Il11ra1), partial
Product Gene Name	Il11ra1 recombinant protein
Product Synonym Gene Name	Il11ra1
Sequence	SPCPQAW GPPGVQYGQP GRPVMLCCPG VSAGTPVSWF RDGDSRLLQG PDSGLGHRLV LAQVDSPDEG TYVCQTLDGV SGGMVTLKLG FPPARPEVSC QAVDYENFSC TWSPGQVSGL PTRYLTSYRK KTLPGAESQR ESPSTGPWPC PQDPLEASRC VVHGAEFWSE YRINVTEVNP LGASTCLLDV RLQSILRPDP PQGLRVESVP GYPRRLHASW TYPASWRRQP HFLLKFRLQY RPAQHPAWST VEPIGLEEVI TDAVAGLPHA VRVSARDFLD AGTWSAWSPE AWGTPSTGPL QDEIPDWSQG HGQQLEAVVA QEDSPAPARP SLQPDPRPLD HRDPLEQVAV LA
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	46,655 Da
Sequence Positions	24-372
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 Q64385
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Il11ra1 recombinant protein	MBS1423798 is a recombinant protein targeting Il11ra1. Also known as Recombinant Mouse Interleukin-11 receptor subunit alpha-1 (Il11ra1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Il11ra1 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 Il11ra1. It may not necessarily be applicable to this product.

NCBI GI #	254281269
NCBI GeneID	16157
NCBI Accession #	NP_001156873.1
UniProt Primary Accession #	Q64385

UniProt Secondary Accession #	Q6NSQ0; A2AMS4
UniProt Related Accession #	Q64385
GenBank Nucleotide #	NM_001163401.1
NCBI Official Full Name	interleukin-11 receptor subunit alpha-1
NCBI Official Synonym Full Names	interleukin 11 receptor, alpha chain 1
NCBI Official Symbol	Il11ra1
NCBI Official Synonym Symbols	NR1; GP130; Il11ra; Il-11ra; Il11ra2; AI314697
UniProt Protein Name	Interleukin-11 receptor subunit alpha-1
UniProt Synonym Protein Names	Enhancer trap locus homolog 2; Etl-2; Novel cytokine receptor 1; NR-1; NR1
Protein Family	Interleukin-11 receptor
UniProt Gene Name	Il11ra1
UniProt Synonym Gene Names	Etl2; Il11ra; IL-11 receptor subunit alpha-1; IL-11R subunit alpha-1; IL-11R-alpha-1; IL-11RA1; Etl-2; NR-1; NR1
NCBI Protein Information	interleukin-11 receptor subunit alpha-1
UniProt Comments for Il11ra1	Receptor for interleukin-11. The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells. Essential for the normal development of craniofacial bones and teeth.
Research Articles on Il11ra1	**1.** Cleavage of the Interleukin-11 receptor induces processing of its C-terminal fragments by the gamma-secretase and the proteasome.
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