Interleukin-13 Receptor Subunit Alpha-2 (IL13RA2) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Interleukin-13 receptor subunit alpha-2 (Il13ra2), Recombinant Protein
Full Product Name	Recombinant Rat Interleukin-13 receptor subunit alpha-2 (Il13ra2), partial
Product Gene Name	Il13ra2 recombinant protein
Product Synonym Gene Name	Il13ra2
Sequence	LEIKVNP PQDFEILDPG LLGYLYLQWK PPVVMDNFKE CKLEYELKYR NVDSDSWKTI ITRNLIYKDG FDLNKGIEGK IRTHLSEHCT NGSEVQSPWT EASYGIADEG SLGTKIQDMK CIYYNWQYLV CSWKPGKTVH SDTNYTMFFW YEGLDHALQC ADYLQDNEKN VGCKLSNLDS SDYKDFFIRV NGSSKLEPIR SSYMVFQLQN IVKPLPPEFL HISVENSIDI RMKWSTPGGP IPPSCYTYEI VVREDDISWE SATDKNDMKL KRRANESEDL CFFVRCKINI YCADDGIWSE WSEEECWEGY TGPDSK
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	44,622 Da
Sequence Positions	24-336
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 Q8VHK6
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Il13ra2 recombinant protein	This protein is closely related to Il13RA1, a subuint of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13.
Other Notes	Small volumes of Il13ra2 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.
Searchable Terms for Il13ra2 purchase	MBS1348904 is a recombinant protein targeting Il13ra2. Also known as Recombinant Rat Interleukin-13 receptor subunit alpha-2 (Il13ra2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Il13ra2. It may not necessarily be applicable to this product.

NCBI GI #	81916005
NCBI GeneID	171060
NCBI Accession #	Q8VHK6.1

UniProt Primary Accession #	Q8VHK6
UniProt Related Accession #	Q8VHK6
NCBI Official Full Name	Interleukin-13 receptor subunit alpha-2
NCBI Official Synonym Full Names	interleukin 13 receptor subunit alpha 2
NCBI Official Symbol	Il13ra2
NCBI Official Synonym Symbols	IL-13R-alpha-2
UniProt Protein Name	Interleukin-13 receptor subunit alpha-2
UniProt Synonym Protein Names	CD_antigen: CD213a2
Protein Family	Interleukin-13 receptor
UniProt Gene Name	Il13ra2
UniProt Synonym Gene Names	IL-13 receptor subunit alpha-2; IL-13R subunit alpha-2; IL-13R-alpha-2; IL-13RA2
NCBI Protein Information	interleukin-13 receptor subunit alpha-2
NCBI Summary for Il13ra2	used as a target for immunotherapeutic approaches for treating brain tumors [RGD, Feb 2006]
UniProt Comments for Il13ra2	Binds as a monomer with high affinity to interleukin-13 (IL13).
Research Articles on Il13ra2	**1.** gene sequence and tissue distribution of IL-13Ralpha2 in the rat
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