Ig Gamma-1 Chain C Region (IGHG1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ig gamma-1 chain C region (Ighg1), Recombinant Protein
Full Product Name	Recombinant Rat Ig gamma-1 chain C region
Product Gene Name	Ighg1 recombinant protein
Sequence	AETTAPSVYP LAPGTALKSN SMVTLGCLVK GYFPEPVTVT WNSGALSSGV HTFPAVLQSG LYTLTSSVTV PSSTWPSQTV TCNVAHPASS TKVDKKIVPR NCGGDCKPCI CTGSEVSSVF IFPPKPKDVL TITLTPKVTC VVVDISQDDP EVHFSWFVDD VEVHTAQTRP PEEQFNSTFR SVSELPILHQ DWLNGRTFRC KVTSAAFPSP IEKTISKPEG RTQVPHVYTM SPTKEEMTQN EVSITCMVKG FYPPDIYVEW QMNGQPQENY KNTPPTMDTD GSYFLYSKLN VKKEKWQQGN TFTCSVLHEG LHNHHTEKSL SHSPGK
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	35,946 Da
Sequence Positions	1-326, 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 P20759
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ighg1 recombinant protein	MBS1122258 is a recombinant protein targeting Ighg1. Also known as Recombinant Rat Ig gamma-1 chain C region. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ighg1 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 Ighg1. It may not necessarily be applicable to this product.

NCBI GI #	121041
NCBI GeneID	299354
NCBI Accession #	P20759.1
UniProt Primary Accession #	P20759
UniProt Related Accession #	P20759
NCBI Official Full Name	Ig gamma-1 chain C region

NCBI Official Synonym Full Names	immunoglobulin heavy constant gamma 1
NCBI Official Symbol	Ighg1
NCBI Official Synonym Symbols	Ighg; RGD1359539
UniProt Protein Name	Ig gamma-1 chain C region
Protein Family	Ig gamma-1 chain C region
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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