Beta-2-Microglobulin (B2M) Equus Asinus (Donkey) Donkey Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-2-microglobulin (B2M), Recombinant Protein
Full Product Name	Recombinant Equus asinus (Donkey) Donkey Beta-2-microglobulin (B2M)
Product Gene Name	B2M recombinant protein
Product Synonym Gene Name	B2M
Sequence	VQRIPKVQVY SRHPAENGKP NFLNCYVSGF HPPEIEIDLL KNGEKMKVDR SDLSFSKDWS FYLLVHTDFT PNGVDEYSCR VQHSTLKEPL IVKWDRDL
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	13,486 Da
Sequence Positions	21-118, 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 Q861S3
Species	Equus asinus (Donkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for B2M recombinant protein	MBS1342303 is a recombinant protein targeting B2M. Also known as Recombinant Equus asinus (Donkey) Donkey Beta-2-microglobulin (B2M). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of B2M 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 B2M. It may not necessarily be applicable to this product.

NCBI GI #	958717706
NCBI GeneID	106835001
NCBI Accession #	XP_014702559.1
UniProt Primary Accession #	Q861S3
UniProt Related Accession #	Q861S3
GenBank Nucleotide #	XM_014847073.1

NCBI Official Full Name	beta-2-microglobulin
NCBI Official Symbol	B2M
NCBI Official Synonym Symbols	b-2-m
UniProt Protein Name	Beta-2-microglobulin
Protein Family	Beta-2-microglobulin
UniProt Gene Name	B2M
NCBI Protein Information	beta-2-microglobulin
UniProt Comments for B2M	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system ().
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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