Non-Structural Protein 8b (8b) (sars8b) Human SARS Coronavirus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Non-structural protein 8b (8b) (sars8b), Recombinant Protein
Full Product Name	Recombinant Human SARS coronavirus Non-structural protein 8b (8b)
Product Gene Name	sars8b recombinant protein
Product Synonym Gene Name	8b
Sequence	MCLKILVRYN TRGNTYSTAW LCALGKVLPF HRWHTMVQTC TPNVTINCQD PAGGALIARC WYLHEGHQTA AFRDVLVVLN KRTN
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	9,560 Da
Sequence Positions	1-84, 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 Q80H93
Species	Human SARS coronavirus (SARS-CoV) (Severe acute respiratory syndrome coronavirus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sars8b recombinant protein	MBS1423788 is a recombinant protein targeting sars8b. Also known as Recombinant Human SARS coronavirus Non-structural protein 8b (8b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sars8b 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 sars8b. It may not necessarily be applicable to this product.

NCBI GI #	30524942
NCBI GeneID	1489677
NCBI Accession #	NP_849177.1
UniProt Primary Accession #	Q80H93
UniProt Secondary Accession #	Q7TFA6
UniProt Related Accession #	Q80H93

GenBank Nucleotide #	NC_004718.3
NCBI Official Full Name	hypothetical protein sars8b
NCBI Official Symbol	sars8b
UniProt Protein Name	Non-structural protein 8b
UniProt Synonym Protein Names	Accessory protein 8b
UniProt Gene Name	8b
UniProt Synonym Gene Names	ns8b
NCBI Protein Information	hypothetical protein sars8b
UniProt Comments for sars8b	Non-structural protein which is dispensable for virus replication in cell culture.
Research Articles on sars8b	**1.** These findings suggest that 8ab could modulate the unfolded protein response by activating ATF6 to facilitate protein folding and processing.
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