Semaphorin-6d (SEMA6D) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Semaphorin-6D (SEMA6D), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Semaphorin-6D (SEMA6D), partial
Product Gene Name	SEMA6D recombinant protein
Product Synonym Gene Name	SEMA6D
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	113,566 Da
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 Q5R7F5
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SEMA6D recombinant protein	MBS1463569 is a recombinant protein targeting SEMA6D. Also known as Recombinant Pongo abelii Semaphorin-6D (SEMA6D), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SEMA6D 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 SEMA6D. It may not necessarily be applicable to this product.

NCBI GI #	197102440
NCBI GeneID	100173330
NCBI Accession #	NP_001126349.1
UniProt Primary Accession #	Q5R7F5
UniProt Related Accession #	Q5R7F5
GenBank Nucleotide #	NM_001132877.2
NCBI Official Full Name	semaphorin-6D
NCBI Official Symbol	SEMA6D

UniProt Protein Name	Semaphorin-6D
Protein Family	Semaphorin
UniProt Gene Name	SEMA6D
NCBI Protein Information	semaphorin-6D
UniProt Comments for SEMA6D	Shows growth cone collapsing activity on dorsal root ganglion (DRG) neurons in vitro. May be a stop signal for the DRG neurons in their target areas, and possibly also for other neurons. May also be involved in the maintenance and remodeling of neuronal connections ().
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