Alpha-2,8-Sialyltransferase 8f (ST8SIA6) Pan Troglodytes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-2,8-sialyltransferase 8F (ST8SIA6), Recombinant Protein
Full Product Name	Recombinant Pan troglodytes Alpha-2,8-sialyltransferase 8F (ST8SIA6)
Product Gene Name	ST8SIA6 recombinant protein
Product Synonym Gene Name	ST8SIA6; SIAT8F
Product Synonym Names	Alpha-2,8-sialyltransferase 8F; EC=2.4.99.-; Sialyltransferase 8F; SIAT8-F; Sialytransferase St8Sia VI; ST8SiaVI
Sequence	CPADAPGRAR ILVEESREAT HGTPAALRTL RSPATAVPRA TNSTYLNEKS LHLTEKCKNL QYGIESFSNK TKGYSENDYL QIITDIQSCP WKRQAEEYAN FRAKLASCCD AVQNFVVSQN NTPVGTNMSY EVESKKEIPI KKNIFHMFPV SQPFVDYPYN QCAVVGNGGI LNKSLCGTEI DKSDFVFRCN LPPTTGDVSK DVGSKTNLVT INPSIITLKY GNLKEKKALF LEDIATYGEA FFLLPAFSFR ANTGTSFKVY YTLEESKARQ KVLFFHPKYL KDLALFWRTK GVTAYRLSTG LMITSVAVEL CKNVKLYGFW PFSKTVEDIP VSHHYYDNKL PKHGFHQMPK EYSQILQLHM KGILKLQFSK CEVA
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	44,859 Da
Sequence Positions	25-398. Fragment at the C-terminal, provide the complete Lumenal domain
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 P61648
Species	Pan troglodytes (Chimpanzee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ST8SIA6 recombinant protein	MBS1251283 is a recombinant protein targeting ST8SIA6. Also known as Recombinant Pan troglodytes Alpha-2,8-sialyltransferase 8F (ST8SIA6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ST8SIA6 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 ST8SIA6. It may not necessarily be applicable to this product.

NCBI GI #	82617659
NCBI GeneID	450329
NCBI Accession #	NP_001032373.1

UniProt Primary Accession #	P61648
UniProt Related Accession #	P61648
GenBank Nucleotide #	NM_001037296.1
NCBI Official Full Name	alpha-2,8-sialyltransferase 8F
NCBI Official Symbol	ST8SIA6
NCBI Official Synonym Symbols	SIAT8F; ST8SIA-VI
UniProt Protein Name	Alpha-2,8-sialyltransferase 8F
UniProt Synonym Protein Names	Sialyltransferase 8F; SIAT8-F; Sialyltransferase St8Sia VI; ST8SiaVI
Protein Family	Alpha-2,8-sialyltransferase
UniProt Gene Name	ST8SIA6
UniProt Synonym Gene Names	SIAT8F; SIAT8-F; ST8SiaVI
UniProt Entry Name	SIA8F_PANTR
NCBI Protein Information	alpha-2,8-sialyltransferase 8F; SIAT8-F; ST8SiaVI; sialytransferase St8Sia VI; sialyltransferase St8Sia VI
UniProt Comments for ST8SIA6	Prefers O-glycans to N-glycans or glycolipids as acceptor substrates. The minimal acceptor substrate is the NeuAc-alpha-2,36-Gal sequence at the non-reducing end of their carbohydrate groups ().
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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