ST6GAL1 Protein, Human (HEK293, His)

Cat. No.:	HY-P71116
Synonyms:	Beta-Galactoside Alpha-2; 6-Sialyltransferase 1; Alpha 2; 6-ST 1; B-Cell Antigen CD75; CMP-N-Acetylneuraminate-Beta-Galactosamide-Alpha-2; 6-Sialyltransferase 1; ST6Gal I; ST6GalI; Sialyltransferase 1; ST6GAL1; SIAT1
Species:	Human
Source:	HEK293
Accession:	P15907 (K27-C406)
Gene ID:	6480
Molecular Weight:	41-60 kDa

PROPERTIES

AA Sequence	K E K K K G S Y Y D S F K L Q T K E F Q V L K S L G K L A M G S D S Q S V S S S S T Q D P H R G R Q T L G S L R G L A K A K P E A S F Q V W N K D S S S K N L I P R L Q K I W K N Y L S M N K Y K V S Y K G P G P G I K F S A E A L R C H L R D H V N V S M V E V T D F P F N T S E W E G Y L P K E S I R T K A G P W G R C A V V S S A G S L K S S Q L G R E I D D H D A V L R F N G A P T A N F Q Q D V G T K T T I R L M N S Q L V T T E K R F L K D S L Y N E G I L I V W D P S V Y H S D I P K W Y Q N P D Y N F F N N Y K T Y R K L H P N Q P F Y I L K P Q M P W E L W D I L Q E I S P E E I Q P N P P S S G M L G I I I M M T L C D Q V D I Y E F L P S K R K T D V C Y Y Y Q K F F D S A C T M G A Y H P L L Y E K N L V K H L N Q G T D E D I Y L L G K A T L P G F R T I H C
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	ST6GAL1, a pivotal enzyme, plays a crucial role in glycosylation processes by facilitating the transfer of sialic acid from CMP-sialic acid to galactose-containing acceptor substrates.

Caution: Product has not been fully validated for medical applications. For research use only.

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