

## Product datasheet for **TP762560**

### CDw75 (ST6GAL1) (NM\_003032) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 (ST6GAL1), transcript variant 2, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of ST6GAL1
Tag:	N-GST and C-HIS
Predicted MW:	46.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50mM Tris, pH8.0, 8M Urea
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003023</a>
Locus ID:	6480
UniProt ID:	<a href="#">P15907</a> , <a href="#">B2R513</a>
RefSeq Size:	4295
Cytogenetics:	3q27.3
RefSeq ORF:	1218
Synonyms:	SIAT1; ST6Gall; ST6N



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**Summary:**

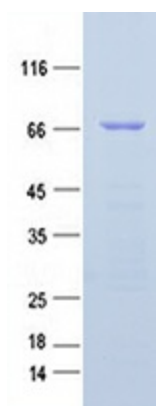
This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2017]

**Protein Families:**

Secreted Protein

**Protein Pathways:**

Metabolic pathways, N-Glycan biosynthesis

**Product images:**

Coomassie blue staining of purified ST6GAL1 protein (Cat #TP762560). The protein was produced from E.coli.