

## ST6GAL1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76094
Synonyms:	Beta-Galactoside Alpha-2; 6-Sialyltransferase 1; Sialyltransferase 1; ST6GAL1; SIAT1
Species:	Mouse
Source:	HEK293
Accession:	Q64685 (K27-C403)
Gene ID:	20440
Molecular Weight:	50-55 kDa

### PROPERTIES

Biological Activity	Measured by its ability to transfer Neu5Ac from CMP-Neu5Ac to N-Acetylglucosamine. The specific activity is > 150 pmol/min/μg.
Appearance	Solution.
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM Tris, 120 mM NaCl, pH7.5.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	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 protein functions as a catalyst in the transfer of sialic acid from CMP-sialic acid to galactose-containing acceptor substrates.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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