



Certificate of Analysis

ST6GAL1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76094
Batch No.:	259335
Species:	Mouse
Source:	HEK293
Tag:	N-His
Accession:	Q64685 (K27-C403)
Gene ID:	20440
Molecular Weight:	50-55 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.80%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to transfer Neu5Ac from CMP-Neu5Ac to N-Acetyllactosamine. The specific activity is > 150 pmol/min/μg.	245 pmol/min/μg
Appearance	Solution	
Concentration	0.74 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C. 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	

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

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