



Certificate of Analysis

GALNT10 Protein, Human (HEK293, His)

Cat. No.:	HY-P76354
Batch No.:	406886
Species:	Human
Source:	HEK293
Tag:	N-10*His
Accession:	Q86SR1-1/NP_938080.1 (T39-N603)
Gene ID:	55568
Molecular Weight:	Approximately 70-75 kDa due to the glycosylation.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to transfer GalNAc from UDP-GalNAc to peptide MUC5AC-3/13 that incubate at 37°C for 20 min. The specific activity is 688.65 pmol/min/μg.	688.65 pmol/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

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

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