

Recombinant Human ST3GAL4 protein, HA,His-tagged

Cat. No. ST3GAL4-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST3GAL4 protein(Q11206.1)(Glu41-Phe333), fused with N-terminal HA and C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu41-Phe333
Tag	N-HA&C-His
Form	Supplied as 0.22µm filtered solution in 20mM Tris, 500mM NaCl (pH 7.5).
Molecular Mass	The protein has a predicted MW of 35.4 kDa. Due to glycosylation, the protein migrates to 48-53 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	Valid for 12 months from date of receipt when stored at -80°C; Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ST3GAL4 ST3 beta-galactoside alpha-2,3-sialyltransferase 4 \[Homo sapiens \]](#)

Official Symbol [ST3GAL4](#)

Synonyms ST3GAL4; ST3 beta-galactoside alpha-2,3-sialyltransferase 4; CGS23, NANTA3, sialyltransferase 4C (beta galactosidase alpha 2,3 sialytransferase) , SIAT4, SIAT4C; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4; FLJ11867; SAT3; ST3Gal IV; STZ; ST-4; SAT-3; SIAT4-C; ST3GalA.2; gal-NAc6S; alpha 2,3-ST 4; alpha 2,3-sialyltransferase IV; alpha-3-N-acetylneuraminytransferase; beta-galactoside alpha-2,3-sialyltransferase 4; gal-beta-1,4-GalNAc-alpha-2,3-sialyltransferase; sialyltransferase 4C (beta-galactoside alpha-2,3-sialytransferase); sialyltransferase 4C (beta-galactosidase alpha-2,3-sialytransferase); CGS23; SIAT4; NANTA3; SIAT4C; ST3GalIV; FLJ46764;

Gene ID [6484](#)

mRNA Refseq [NM_001254757](#)

Protein Refseq [NP_001241686](#)

MIM [104240](#)

UniProt ID [Q11206](#)

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