

## Recombinant Human ST3GAL3 protein, His-tagged

Cat. No. ST3GAL3-6574H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ST3GAL3 protein(203-375 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	203-375 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
<b>AASequence</b>	TTLRITYPEGAMQRPEQYERDSLFLAGFKWQDFKWLKYIVYKERVSA SDGFWKSVA ATRVPKPEPEIRILNPYFIQEA AFTLIGLPFNGLMGRGNIPTLGSVAVTMALHGCDEV AVAGFGYDMSTPNAPLHYETVRMAAIKESWTHNIQREKEFLRKLVKARVITDLSSGI
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name** [ST3GAL3 ST3 beta-galactoside alpha-2,3-sialyltransferase 3 \[ Homo sapiens \]](#)

**Official Symbol** [ST3GAL3](#)

**Synonyms** [ST3GAL3](#); [ST3 beta-galactoside alpha-2,3-sialyltransferase 3](#); [sialyltransferase 6 \(N acetylglucosaminide alpha 2,3 sialyltransferase\)](#) , [SIAT6](#); [CMP-N-acetylneuraminat-beta-1,4-galactoside alpha-2,3-sialyltransferase](#); [ST3Gal III](#); [alpha 2,3-ST 3](#); [alpha-2,3-sialyltransferase II](#); [alpha 2,3-sialyltransferase III](#); [Gal beta-1,3\(4\)GlcNAc alpha-2,3 sialyltransferase](#); [sialyltransferase 6 \(N-acetylglucosaminide alpha 2,3-sialyltransferase\)](#); [ST3N](#); [MRT12](#); [SIAT6](#); [ST3GALII](#); [ST3GalIII](#);

**Gene ID** [6487](#)

**mRNA Refseq** [NM\\_006279](#)

**Protein Refseq** [NP\\_006270](#)

**MIM** [606494](#)

**UniProt ID** [Q11203](#)

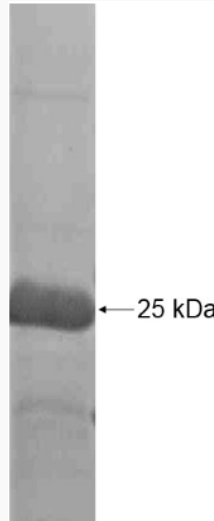
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA