

Recombinant Human ST3GAL6 protein, His-tagged

Cat. No. ST3GAL6-1234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST3GAL6 protein(25-331 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	25-331 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	GTNVYWVAPVEMKRRNKIQPCLSKPAFASLLRFHQFHPFLCAADFRKIASLYGSDKF DLPYGMRTSAEYFRLALSKLQSCDLFDEFDNIPCKKCVVVGNGGV LKNKTLGEKIDS YDVIIRMNNGPVLGHEEEVGRRTTFRFLFYPESVFSDPIHNDPNTTVILTAFKPHDLRW LLELLMGDKINTNGFWKKPALNLIYKPYQIRILDPIIRTAAYELLHFPKVFPKNQKPKH PTTGIIAITLAFYICHEVHLAGFKYNFSDLKSPLHYGNATMSLMNKNAYHNVTAEQLF LKDIEKNLVINLTQD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 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 [ST3GAL6 ST3 beta-galactoside alpha-2,3-sialyltransferase 6 \[Homo sapiens \]](#)

Official Symbol [ST3GAL6](#)

Synonyms

ST3GAL6; ST3 beta-galactoside alpha-2,3-sialyltransferase 6; sialyltransferase 10 (alpha 2,3 sialyltransferase VI) , SIAT10; type 2 lactosamine alpha-2,3-sialyltransferase; ST3GALVI; ST3Gal VI; alpha2,3-sialyltransferase; sialyltransferase 10 (alpha-2,3-sialyltransferase VI); CMP-NeuAc:beta-galactoside alpha-2,3-sialyltransferase VI; SIAT10;

Gene ID [10402](#)

mRNA Refseq [NM_006100](#)

Protein Refseq [NP_006091](#)

MIM [607156](#)

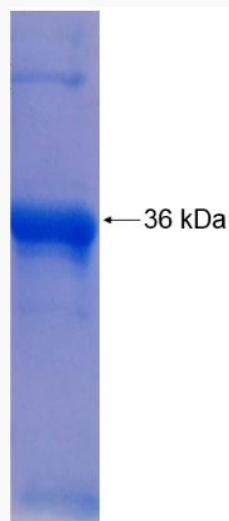
UniProt ID [Q9Y274](#)

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SDS-PAGE



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