

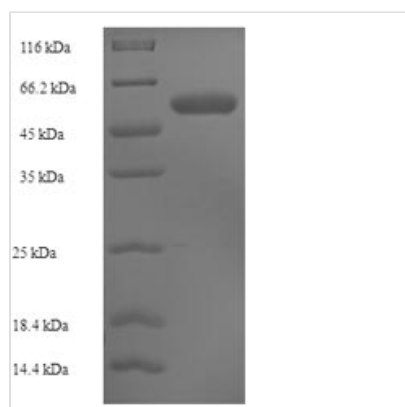


Recombinant Human CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase (ST3GAL3), partial

Product Code	CSB-EP606136HU
Relevance	Catalyzes the formation of the NeuAc-alpha-2,3-Gal-beta-1,4-GlcNAc-, NeuAc-alpha-2,3-Gal-beta-1,3-GlcNAc- or NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc-sequences found in terminal carbohydrate groups of glycoproteins and glycolipids. The highest activity is toward Gal-beta-1,3-GlcNAc and the lowest toward Gal-beta-1,3-GalNAc .
Abbreviation	Recombinant Human ST3GAL3 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q11203
Alias	Beta-galactoside alpha-2,3-sialyltransferase 3 ;Alpha 2,3-ST 3Gal beta-1,3(4) GlcNAc alpha-2,3 sialyltransferaseN-acetylactosaminide alpha-2,3-sialyltransferase;ST3Gal III ;ST3GalIIIST3NSialyltransferase 6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	KLHLLQWEEDSNSVLSFDSAGQTLGSEYDRLGFLNLD SKLPAELATKYANF SEGACKPGYASALMTAIFPRFSKPAPMFLDDSF RKWARIREFVPPFGIKGQDN LIKAILSVTKEYRLTPALDSLRCRRCIIVGNGGVLANKSLGSRIDDYDIVVRLNSA PVKGFEKDVGSKTTTLRITYPEGAMQRPEQYERDSL FVL AGFKWQDFKWLKYIV YKERV SASDGFWKSVATRV PKEPPEIRILNPYFIQEAAFTLIGLPFNNGLMGRG NIPTLGSAVTMALHGCDEVAVAGFGYDMSTPNAPLHYETVRMAAIKESWT HNIQREKEFLRKLVKARVITDLSSGI
Research Area	Signal Transduction
Source	E.coli
Target Names	ST3GAL3
Expression Region	29-375aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	54.9kDa
Protein Length	Partial



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.