

Recombinant Full Length Pig Cmp-N-Acetylneuraminate-Beta-Galactosamide-Alpha-2,3-Sialyltransferase 1(St3Gal1) Protein, His-Tagged

Cat. No. RFL458SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 1(ST3GAL1) Protein (Q02745) (1-343aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length (1-343)
Form	Lyophilized powder
AA Sequence	MAPMRKKSTLKLTLVLFIFLTSSFFLNYSHTVVTTAWFPKQMVIENSENFKKLMKYP YRPCTCTRCIEEQRVSAWFDERFNRSMPQLLTAKNAHLEEDTYKWWLRLQREKQP NNLNDTIRELFQVVPGNVDPLLEKRLVSCRCAVVGNSGNLKESYYGPQIDSHDFVL RMNKAPTEGF EADVGSKTTHHFVYPESFRELAQEVSMILVPFKTTDLEWVISATTTG RISHTYVPVPAKIKVKKKILYHPAFIKYVFDRWLQGHGRYPSTGILSVIFSLHICDEV DLYGFGADSKGNWHHYWENNPSAGAFRKTGVHDGDFESNVTTILASINKIRIFKGR
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	ST3GAL1
Synonyms	ST3GAL1; SIAT4A; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 1; Alpha 2,3-ST 1; Beta-galactoside alpha-2,3-sialyltransferase 1; Gal-NAc6S; Gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase; Monosialoganglioside sialyltransferase;
UniProt ID	Q02745