

Recombinant Full Length Mouse Cmp-N-Acetylneuraminate-Beta-1,4-Galactoside Alpha-2,3-Sialyltransferase(St3Gal3) Protein, His-Tagged

Cat. No. RFL509MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase(St3gal3) Protein (P97325) (1-374aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-374)
Form	Lyophilized powder
AA Sequence	MGLLVFVRNLLLALCLFLVLGFLYSAWKLHLLQWEDSNLLLLSLDSAGQTLGTEYD RLGFLLKLDSKLPALATKYANFSEGACKPGYASAMMTAIFPRFSKPAPMFLDDSR KWARIREFVPPFGIKGQDNLIKAILSVTKEYRLTPALDSLHCRCIIVGNGGVLANKSL GSRIDDYDIVIRLNSAPVKGFERDVGSKTTLRITYPEGAMQRPEQYERDSLFLVLAGFK WQDFKWLKYIVYKERVASDGFWKSVATRVPKPEIRILNPYFIQEAFTLIGLPFN NGLMGRGNIPTLGSAVTMALHGCDEVAVAGFGYDMNTPNAPLHYYETVRMAAIKE SWTHNIQREKEFLRKLVKARVITDLSSGI
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	St3gal3
Synonyms	St3gal3; Siat3; Siat6; CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase; Beta-galactoside alpha-2,3-sialyltransferase 3; Alpha 2,3-ST 3; Gal beta-1,3(4 GlcNAc alpha-2,3 sialyltransferase; N-acetyllactosaminide alpha-2,3-sialyltrans
UniProt ID	P97325