

Recombinant Full Length Rat Cmp-N-Acetylneuraminate-Beta-Galactosamide-Alpha-2,3-Sialyltransferase 4(St3Gal4) Protein, His-Tagged

Cat. No. RFL6227RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4(St3gal4) Protein (P61131) (1-333aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-333)
Form	Lyophilized powder
AA Sequence	MTSKSHWKLLALALVLVVMVWYSISREDRYIEFFYFPVSEKKEPCFQGEAERQASK IFGNHSREQPIFLQLKDYFWVKTPSAYELPFGTKGSEDLRLVLAITSYIPESIQSLE CRRCVVVGNGHRLKNSSLGGVINKYDVVIRLNNAPVAGYEGDVGSKTTIRLFYPESA HFDPKIENNPDTLLVLVAFKAMDFHWIETILSDKKVRKGFWKQPPLIWDVNPQIRI LNPFFMEIAADKLLSLPIQQPRKIKQKPTTGLLAITLALHLCDLVHIAGFGYPDAYNKK QTIHYEYQITLKSMAAGSGHNVSQEAVAIAKRMLEMGAVKNLTYF
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	St3gal4
Synonyms	St3gal4; Siat4c; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4; Alpha 2,3-ST 4; Beta-galactoside alpha-2,3-sialyltransferase 4; Alpha 2,3-sialyltransferase IV; Gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase; Gal-beta-1,4-GlcNAc
UniProt ID	P61131

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