

Recombinant Full Length Mouse Alpha-2,8-Sialyltransferase 8B(St8Sia2) Protein, His-Tagged

Cat. No. RFL33580MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Alpha-2,8-sialyltransferase 8B(St8sia2) Protein (O35696) (1-375aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-375)
Form	Lyophilized powder
AA Sequence	MQLQFRSWMLAALTLLVVFLIFADISEIEEEEIGNSGGRGTIRSAVNSLHSKSNRAEVVI NGSSPPAVADRSNESLKHNIQPASSKWRHNQTLSLRIRKQILKFLDAEKDISVLKGTL KPGDIIHYIFDRDSTMNVSQNLYELLPRTSPLKNKHFQTCAIVGNSGVLLNSGCGQEI DTHSFVIRCNLAPVQEYARDVGLKTDLVTMNPSVIQRAFEDLVNATWREKLLQRLHG LNGSILWIPAFMARGGKERVEWVNALILKHHVNVRTAYPSLRLLHAVRGYWLTKNVH IKRPTTGLLMYTLATRFCNQIYLYGFWPFLDQNNQNPVKYHYYDSLKYGYTSQASPH TMPLEFKALKSLHEQGALKLTVGQCDGAT
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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

St8sia2

Synonyms

St8sia2; Siat8b; Stx; Alpha-2,8-sialyltransferase 8B; Polysialic acid synthase; Sialyltransferase 8B; SIAT8-B; Sialyltransferase St8Sia II; ST8SialI; Sialyltransferase X; STX

UniProt ID

[O35696](#)

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