

Recombinant Full Length Human Sia-Alpha-2,3-Gal-Beta-1,4-GlcnaC-R:Alpha 2,8-Sialyltransferase(St8Sia3) Protein, His-Tagged

Cat. No. RFL28188HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Sia-alpha-2,3-Gal-beta-1,4-GlcNAc-R:alpha 2,8-sialyltransferase(ST8SIA3) Protein (O43173) (1-380aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-380)
Form	Lyophilized powder
AA Sequence	MRNCKMARVASVLGLVMLSVALLLISLISYVSLKKENIFTTPKYASPGAPRMYMFHAG FRSQFALKFLDPSFVPITNSLTQELQEKP SKWKFNRTAFLHQRQEILQHVDVIKNFSL TKNSVRIGQLMHYDYSSHKYVFSISNNFRSLLPDVSPIMNKHYNICAVVGNSGILTGS QCGQEIDKSDFVFR CNFAPTEAFQRDVGRKTNLTTFNPSILEKYNNLLTIQDRNNFF LSLKKLDGAILWIPAFFFHTSATVTRTLVDFFVEHRGQLKVQLAWPGNIMQHV NRYW KNKHLSPKRLSTGILMYTLASAICEEIHLYGFWPFGFDPNTREDLPYHYYDKKGTKFT TKWQESHQLPAEFQLLYRMHGEGTLKLTLSHCA
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	ST8SIA3
Synonyms	ST8SIA3; SIAT8C; Sia-alpha-2,3-Gal-beta-1,4-GlcNAc-R:alpha 2,8-sialyltransferase; Alpha-2,8-sialyltransferase 8C; Alpha-2,8-sialyltransferase III; ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3; Sialyltransferase 8C; SIAT8-C; Sialyltransfera
UniProt ID	O43173

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