

Recombinant Human NEU3 protein, GST-tagged

Cat. No. NEU3-301462H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEU3 (193-326 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met193-Glu326
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MPCKTRPHSLMIYSDDLGVTHHHGRLIRPMVTVECEVAEVTGRAGHPVLYCSARTP NRCRAEALSTDHGEFGFQRLALSRQLCEPPHGCQGSVVSRPLEIPHRCQDSSSKD APTIQQSSPGSSLRLEEEAGTPSE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	NEU3 sialidase 3 (membrane sialidase) [Homo sapiens]
Official Symbol	NEU3
Synonyms	NEU3; sialidase 3 (membrane sialidase); sialidase-3; neuraminidase 3; membrane sialidase; ganglioside sialidase; N-acetyl-alpha-neuraminidase 3; SIAL3; FLJ12388;
Gene ID	10825
mRNA Refseq	NM_006656
Protein Refseq	NP_006647
MIM	604617
UniProt ID	Q9UQ49

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