

Full-Length

NEU3 (Human) Recombinant Protein (P01)

Catalog # H00010825-P01

Size 50 ug

Specification

Product Description	Human NEU3 full-length ORF (BAG51074.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRPADLPPRPMEESSAPSSAPTETEEPGSSAEVMEEVTTCFNSPLFRQEDDRGITYRIPALLYIP PTHTFLAFAEKRSTRRDEDALHLVLRRLRIGQLVQWGPKPLMEATLPGHRTMNPVWEQKS GCVFLFFICVRGHVTERQQVSGRNAARLCFIYSQDAGCSWSEVRDLTEEVIGSELKHWATFAVG PGHGIQLQSGRLVIPAYTYIPSWFFCFQLPCKTRPHSLMIYSDDLGVTWHHGRLIRPMVTVECEVA EVTGRAGHPVLYCSARTPNRCRAEALSTDHGEGFQRLALSRQLCEPPHGCQGSVVSFRPLEIPH RCQDSSSKDAPTIQQSSPGSSLRLEEEAGTPSESWLLYSHPTSRKQRVDLGMYLNQTPLEAACW SRPWILHCGPCGYSDLAALEEEGLFGCLFECGKQECEQIAFRLFTHREILSHLQGDCTSPGRNP SQFKSN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	78.1
Interspecies Antigen Sequence	Mouse (68); Rat (67)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — NEU3

Entrez GeneID [10825](#)

GeneBank Accession# [AK022450.1](#)

Protein Accession# [BAG51074.1](#)

Gene Name NEU3

Gene Alias FLJ12388, SIAL3

Gene Description sialidase 3 (membrane sialidase)

Omim ID [604617](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene product belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. It is localized in the plasma membrane, and its activity is specific for gangliosides. It may play a role in modulating the ganglioside content of the lipid bilayer. [provided by RefSeq]

Other Designations N-acetyl-alpha-neuraminidase 3|ganglioside sialidase|neuraminidase 3|sialidase 3

Pathway

- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)