

Recombinant Human NEU3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NEU3-4603H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NEU3 MS Standard C13 and N15-labeled recombinant protein (NP_006647) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	52.1 kDa
AA Sequence	MRPADLPPRPMEESPASSAPTETEEPGSSAEVMEEVTTCSFNSPLFRQEDDRGIT YRIPALLYIPPTHFLAFAEKRSTRRDEDALHLVLRRLRIGQLVQWGPKPLMEATL PGHRTMNPCPVWEQKSGCVLFFICVRGHVTERQQIVSGRNAARLCFIYSQDAGCS WSEVRDLTEEVIGSELKHWATFAVGPGHGIQLQSGRLVIPAYTTYIIPSWFFCFQLPC KTRPHSLMIYSDDLGVTHHGRILRPMVTVECEVAEVTGRAGHPVLYCSARTPNRC RAEALSTDHGEFGFQRLALSRQLCEPPHGCQGSVVSFRPLEIPHRCQDSSSKDAPTI QQSSPGSSLRLEEEAGTPSESWLLYSHPTSRKQRVDLGIYLNQTPLEAACWSRPWI LHCGPCGYSDLAALEEEGLFGCLFECGKQCECEQIAFRLFTHREILSHLQGDCTSPG RNPSQFKSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

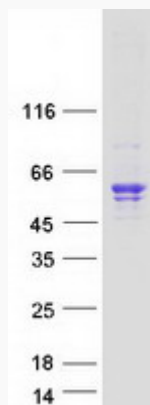
GENE INFORMATION

Gene Name	NEU3 neuraminidase 3 [Homo sapiens (human)]
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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SDS-PAGE

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