

Recombinant Human NEU4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NEU4-2058H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NEU4 MS Standard C13 and N15-labeled recombinant protein (NP_542779) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to a family of glycohydrolytic enzymes, which remove terminal sialic acid residues from various sialo derivatives, such as glycoproteins, glycolipids, oligosaccharides, and gangliosides. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Molecular Mass	52.9 kDa
AA Sequence	MMSSAAFPRWLSMGVPRTPTSLVFERERTGLTYRVPSLLPVPPGPTLLAFVEQRL SPDDSHAHRLVLRGTLAGGSVRWGALHVLGTAALAEHRSMNPCPVHDAGTGTVF LFFIAVLGHTPEAVQIATGRNAARLCCVASRDAGLSWGSARDLTEEAIGGAVQDWAT FAVGPGHGVQLPSGRLLVPAYTYRVDRRECFGKICRTSPHSFAFYSDDHGRTWRC GGLVPNLRSGECQLAAVDGGQAGSFLYCNARSPLGSRVQALSTDEGTSFLPAERV ASLPETAWGCQGSIVGFAPAPAPNRPRDDSWSVGPGSPLQPPLLPGPVHEPPEEAA VDPRGGQVPGGPFSLRLQPRGDGPRQPGPRPGVSGDVGSWTLALPMPFAAPPQSP TWLLYSHPVGRRARLHMGIRLSQSPLDPRSWTEPWVIYEGPSGYSDLASIGPAPEG GLVFACLYESGARTSYDEISFCTFSLREVLENVPASPKPPNLGDKPRGCCWPSTRT

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RPLEQKLISEEDLAANDILDYKDDDDKV

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.

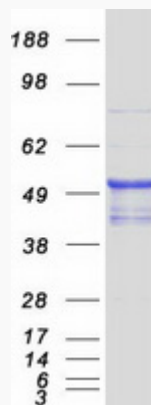
GENE INFORMATION

Gene Name	NEU4 sialidase 4 [Homo sapiens (human)]
Official Symbol	NEU4
Synonyms	NEU4; sialidase 4; sialidase-4; neuraminidase 4; N-acetyl-alpha-neuraminidase 4; FLJ35928; MGC18222; MGC102757;
Gene ID	129807
mRNA Refseq	NM_080741
Protein Refseq	NP_542779
MIM	608527
UniProt ID	Q8WWR8

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SDS-PAGE

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