

Recombinant Human NEU2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NEU2-4917H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NEU2 MS Standard C13 and N15-labeled recombinant protein (NP_005374) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Expression studies in COS7 cells confirmed that this gene encodes a functional sialidase. Its cytosolic localization was demonstrated by cell fractionation experiments.
Molecular Mass	42.1 kDa
AA Sequence	MASLPVLQKESVFQSGAHAYRIPALLYLPGQQSLLAFAEQRASKKDEHAELIVLRRG DYDAPTHQVQWQAQEVVAQARLDGHRSMNPCPLYDAQTGTLFLFFIAIPGQVTEQ QQLQTRANVTRLCQVTSTDHGRTWSSPRDLTDAAIGPAYREWSTFAVGPGHCLQL NDRARSLVVPAYAYRKLHPIQRPIPSAFCFLSHDHGRTWARGHFVAQDTLEQCVAE VETGEQRVVTLNARSHLRARVQAQSTNDGLDFQESQLVKKLVEPPPQGCQGSVISF PSPRSGPGSPAQWLLYTHPTHSWQRADLGAYLNPRPPAPEAWSEPVLLAKGSCAY SDLQSMGTGPDGSPLFGCLYEANDYEEIVFLMFTLKQAFPAEYLPQTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

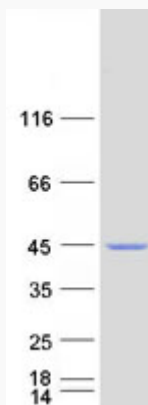
GENE INFORMATION

Gene Name	NEU2 neuraminidase 2 [Homo sapiens (human)]
Official Symbol	NEU2
Synonyms	NEU2; sialidase 2 (cytosolic sialidase); sialidase-2; N acetyl alpha neuraminidase 2; SIAL2; neuraminidase 2; cytosolic sialidase; N-acetyl-alpha-neuraminidase 2; MGC129579;
Gene ID	4759
mRNA Refseq	NM_005383
Protein Refseq	NP_005374
MIM	605528
UniProt ID	Q9Y3R4

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SDS-PAGE

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