

Recombinant Mouse Neu1 Protein, Myc/DDK-tagged

Cat. No. Neu1-4378M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length neuraminidase 1 (Neu1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the removal of sialic acid (N-acetylneuraminic acid) moieties from glycoproteins and glycolipids. To be active, it is strictly dependent on its presence in the multienzyme complex. Appears to have a preference for alpha 2-3 and alpha 2-6 sialyl linkage.
Molecular Mass	45 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Neu1 neuraminidase 1 [Mus musculus (house mouse)]
Official Symbol	Neu1
Synonyms	NEU1; neuraminidase 1; sialidase-1; sialidase 1; G9 sialidase; lysosomal sialidase; HLA-B-associated transcript 7; N-acetyl-alpha-neuraminidase 1; G9; Apl; Neu; Aglp; Bat7; Bat-7; Map-2; Neu-1; AA407268; AA407316
Gene ID	18010
mRNA Refseq	NM_010893
Protein Refseq	NP_035023
UniProt ID	O35657

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