

Recombinant Human NEU2 Protein, His-tagged

Cat. No. NEU2-729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NEU2 (CAB41449.1) (Met1-Gln380) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-380 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile NI-A, 20 % glycerol, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human NEU2 consists 391 amino acids and predicts a molecular mass of 43.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name NEU2 sialidase 2 (cytosolic sialidase) [Homo sapiens]

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

Chromosome Location 2q37

Pathway

Glycosphingolipid metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Other glycan degradation, organism-specific biosystem; Other glycan degradation, conserved biosystem; Sphingolipid metabolism, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem;

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