

## Neuraminidase (NEU) Recombinant Protein | NEU recombinant protein

Recombinant Neuraminidase (NEU)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153459</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Neuraminidase (NEU); Recombinant Neuraminidase (NEU); Neuraminidase; NEU recombinant protein (prokaryotic); Human; NEU1; SIAL1; Sialidase 1; Lysosomal Sialidase; Acetylneuraminyl hydrolase; G9 sialidase; N-acetyl-alpha-neuraminidase 1; NEU recombinant protein

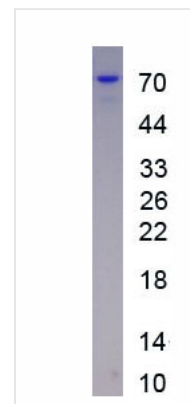
### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                | E coli                                                                                                       |
| Purity/Purification                                 | Greater than 80% by SDS-PAGE                                                                                 |
| Form/Format                                         | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                  | Met1~Gln380                                                                                                  |
| Applicable Applications for NEU recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                   | Prokaryotic expression                                                                                       |
| Species                                             | Human                                                                                                        |
| Tag                                                 | N-terminal His and GST                                                                                       |
| Endotoxin Level                                     | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                   | 6.8                                                                                                          |
| Subcellular Location                                | Secreted, Cytoplasm                                                                                          |
| Research Area                                       | Enzyme & Kinase                                                                                              |
| Preparation and Storage                             | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES

MASLPVLQKESVFQSGAHAYRIPALLYLPQQSLLAFAEQRASKKDEHAELIVLRGGDYDAPT  
HQVQWQAQEVVAQARLDGHRSMNCPPLYDAQGTGLFFIAIPGQVTEQQQLQTRANVT  
RLCQVTSTDHGRWSSPRDLTDAAGPAYREWSTFAVGPGHCLQLHADRARSLVVPAYARKL  
HPIQRPISAFCLSHDHGRTWARGHFVAQDTECCQVAETGEQQRVVTLNARSHLRARVQ  
AQSTNDGLDFQESQLVKLVPPQGCQGSVISFSPRSGPGSPAQWLLYTHPTHSWQRA  
DLGAYLNPRPPAPEAWSEPVLLAKGSCAYSDLQSMGTGPDGSPFGCLYEANDYEEIVFLMF  
TLKQAFPAEYLPQ

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| Product Categories/Family for NEU recombinant protein | Prokaryotic proteins |
|-------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557791                                                                                                                         |
| NCBI GeneID                      | 4758                                                                                                                            |
| NCBI Accession #                 | NP_000425.1                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000434.3                                                                                                                     |
| UniProt Accession #              | Q99519                                                                                                                          |
| NCBI Official Full Name          | sialidase-1                                                                                                                     |
| NCBI Official Synonym Full Names | sialidase 1 (lysosomal sialidase)                                                                                               |
| NCBI Official Symbol             | NEU1                                                                                                                            |
| NCBI Official Synonym Symbols    | NEU; NANH; SIAL1                                                                                                                |
| NCBI Protein Information         | sialidase-1; G9 sialidase; N-acetyl-alpha-neuraminidase 1; acetylneuraminyl hydrolase; exo-alpha-sialidase; lysosomal sialidase |
| UniProt Protein Name             | Sialidase-1                                                                                                                     |
| UniProt Gene Name                | NEU1                                                                                                                            |
| UniProt Synonym Gene Names       | NANH                                                                                                                            |
| UniProt Entry Name               | NEUR1_HUMAN                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/neu1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153459>