

Product datasheet for **TP507670**

Neu4 (NM_173772) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse sialidase 4 (Neu4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR207670 protein sequence Red =Cloning site Green =Tags(s) |

MGPTRVPRRTVLFQRERTGLTYRVPALLCVPPRPTLLAFAEQRLSPDDSHAHRLVLRGTLTRGSVRWGT
LSVLETAVLEEHRSMNCPVLDEHSGTIFLFFIAVLGHTPEAVQIATGKNAARLCCVTSCDAGLTWGSVR
DLTEEAIGAALQDWATFAVGPGHGVQLRSGRLLVPAYTYHVDRECFGKICWTSPHSLAFYSDDHGISWH
CGGLVPNLRSGECQLAAVDGDFLYCNARSPLGNRVQALSADEGTSFLPGELVPTLAETARGCQGSIVGFL
APPSIEPQDDRWTGSPRNTPHSPCFNLRVQESSGEGARGLLERWMPRLPLCYPQSRSPENHGLEPGSDGD
KTSWTPECPMSSDSMLQSPTWLLYSHPAGRRARLHMGIYLSRSPLDPHSWTEPWVIYEGPSGYSDLAFLG
PMPGASLVFACLFESGTRTSYEDISFCLFSLADVLENVPTGLEMLSLRDKAQGHWCWPS

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 52.4 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_776133 |
| Locus ID: | 241159 |



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UniProt ID: [Q8BZL1](#)

RefSeq Size: 4524

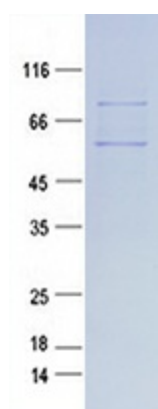
Cytogenetics: 1 D

RefSeq ORF: 1437

Synonyms: 9330166104

Summary: May function in lysosomal catabolism of sialylated glycoconjugates. Has sialidase activity towards synthetic substrates, such as 2'-(4-methylumbelliferyl)-alpha-D-N-acetylneuraminic acid (4-MU-NANA or 4MU-NeuAc). Has a broad substrate specificity being active on glycoproteins, oligosaccharides and sialylated glycolipids (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Neu4 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.