

Full-Length

NEU4 (Human) Recombinant Protein (P01)

Catalog # H00129807-P01

Size 50 ug

Specification

Product Description	Human NEU4 full-length ORF (ADR83030.1, 1 a.a. - 496 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MMSSAAFPRWLSMGVPRTPSRTVLFERERTGLTYRVPSLLPVPPGPTLLAFVEQRLSPDDSHAH RLVLRRLAGGSRVWGLHVLGTAALAEHRSMNCPVHDAGTGTVFLFFIAVLGHTPEAVQIAT GRNAARLCCVASRDAGLSWGSARDLTEEAIGGAVQDWATFAVGPGHGVQLPSGRLLVPAYTYR VDRRECFGKICRTSPHSFAFYSDDHGRTWRCGLVPNLRSGECQLAAVDGGQAGSFLYCNARS PLGSRVQALSTDEGTSFLPAERVASLPETAWGCQGSIVGFAPAPAPNRPRDDSWSVGPRSPQLQP PLLGPVHEPPEEAAVDPRGGQVPGGPFSLQPRGDGPRQPGPRPGVSGDVGSWTALALPMPF AAPPQSPTWLLYSHPVGRRARLHMGIRLSQSPLDPRSWTEPWVIEGPSGYSDLASIGPAPEGGL VFACLYESGARTSYDEISFCTFSLREVLENVPASPKPPNLGDKPRGCCWPS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.6
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — NEU4

Entrez GeneID	129807
GeneBank Accession#	HQ258276.1
Protein Accession#	ADR83030.1
Gene Name	NEU4
Gene Alias	MGC102757, MGC18222
Gene Description	sialidase 4
Omim ID	608527
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. [provided by RefSeq]
Other Designations	neuraminidase 4

Pathway

- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)