

Sialidase 1 Recombinant Protein | NEU1 recombinant protein

Recombinant Human Sialidase 1

CATALOG #
AAA38904HOST
E.coli

PRODUCT SYNONYMS

Sialidase 1; Recombinant Human Sialidase 1; Sialidase 1 (lysosomal sialidase); Acetylneuraminyl hydrolase; N-acetyl-alpha-neuraminidase 1; exo-alpha-sialidase; Lysosomal sialidase; G9 sialidase; NEU; NANH; SIAL1; EC 3.2.1.18.; NEU1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	The NEU1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGSHM u>ENDFGLVQ PLVTMEQLLW VSGRQIGSVD TFRIPITAT</u> <u>PRGTLFAAE ARKMSSSDEG AKFIALRRSM DQGSTWSPTA FIVNDGDVPD GLNLGAVVSD VETGVVFLFY</u> <u>SLCAHKAGCQ VASTMLVWSK DDGVSWSVTPR NLSLDIGTEV FAPGPGSGIQ KQREPRKGRL IVCGHGTLER</u> <u>DGVFCLLSDD HGASWRYGSG VSGIPYGQPK QENDFNDEC QPYELPDGSV VINARNQNNY HCHCRIVLRS</u> <u>YDACDTRLRPR DVTFDPELVD PVVAAGAVVT SSGIVFFSNP AHPEFRVNL LRWSFSNGTS WRKETVQLWP</u> <u>GPSGYSSLAT LEGSMDGEEQ APQLYVLYEK GRNHYSIS VAKISVYGT</u>
Sequence Length	415
Physical Appearance	Sterile Filtered colorless solution.
Usage	products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NEU1 recombinant protein	Description: NEU1 Human Recombinant produced in E Coli is a single polypeptide chain containing 393 amino acids (48-415) and having a molecular mass of 42.9 kDa.NEU1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for NEU1 recombinant protein	Enzymes

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; acetylneuraminyI 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/38904>