

Recombinant Human NAGA protein, His-tagged

Cat. No. NAGA-3918H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAGA protein(22-411 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-411 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LLQTPPMGWLAWERFRCNINCDDEPKNCISEQLFMEMADRMAQDGWRDMGYTYL NIDDCWIGGRDASGRLMPDKRFPHGIPFLADYVHSLGLKLG IYADMGNFTCMGY P GTTLDKVVQDAQTF AEWKVDMLKLDGCFSTPEERAQGYPKMAAALNATGRPIAFSC SWPAYEGGLPPRVNYSLLADICNLWRNYDDIQDSWWSVLSILNWFVEHQDILQPVA GPGHWNDPDMLLIGNFGLSLEQSRAQMALWTVLAAPLLMSTDLRTISAQNMDILQN PLMIKINQDPLGIQGRRIHKEKSLIEVYMRPLSNKASALVFFSCRTDMPYRYHSSLGQ LNFTGSVIYEAQDVYSGDIISGLRDETNTFTVIINPSGVVMWYLYPIKNLEMSQQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

NAGA N-acetylgalactosaminidase, alpha- [Homo sapiens]

Official Symbol

NAGA

Synonyms

NAGA; N-acetylgalactosaminidase, alpha-; alpha-N-acetylgalactosaminidase; D22S674; alpha-galactosidase B; Acetylgalactosaminidase, alpha-N- (alpha-galactosidase B); GALB;

Gene ID

4668

mRNA Refseq

NM_000262

Protein Refseq

NP_000253

MIM

104170

UniProt ID

P17050

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