

N-Acetylgalactosaminidase Alpha Human Recombinant

Item Number	rAP-1122
Synonyms	Alpha-N-acetylgalactosaminidase, N-Acetylgalactosaminidase Alpha, NAGA, Alpha-galactosidase B, NAGA, D22S674, GALB.
Description	NAGA Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 400 amino acids (18-411) and having a molecular mass of 45.5kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).NAGA is fused to 6 amino acid His-Tag at C-terminus and
Uniprot Accession Number	P17050
Amino Acid Sequence	LDNGLLQTPP MGWLAWERFR CNINCEDEPK NCISEQLFME MADRMAQDGW RDMGYTYLNI DDCWIG-GRDA SGRLMPDPKR FPHGIPFLAD YVHSLGLKLG IYADMGNFTC MGYPGTTLDK VVQDAQTFAE WKVDMLKLDG CFSTPEERAQ GYPKMAAALN ATGRPIAFSC SWPAYEGGLP PRVNYSLAD IC-NLWRNYDD IQDSWWSVLS ILNWFVEHQD ILQPVAGPGH WNDPDMLLIG NFGLSLEQSR AQMAL-WTVLA APLLMSTDLR TISAQNMDIL QNPLMIKINQ DPLGIQGRRI HKEKSLIEVY MRPLSNKASA LVFF-SCRTDM PYRYHSSLGQ LNFTGSVIYE AQDVYSGDII SGLRDETNTFT VIINPSGVVM WYLYPIKNLE MSQQHHHHHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	NAGA protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**