

Product datasheet for TP303447

NGLY1 (NM_018297) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human N-glycanase 1 (NGLY1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203447 protein sequence Red =Cloning site Green =Tags(s)

MAAAALGSSSGSASPAVAELCQNTPETFLEASKLLLLTYADNILRNPNDEKYRSIRIGNTAFSTRLLPVRG
AVECLFEMGFEEGETHLIFPKASVEQLQKIRDLIAIERSSSLRDLGSKSHKVKSSQQAASSTQLPTTPSS
NPSGLNQHTRNRQGQSSDPPSASTVAADSAILEVLQSNIQHVLVYENPALQEALACIPVQELKRKSQEK
LSRARKLDKGINISDEDFLLLELLHWFKEEFFHWVNNVLCSKCGGQTRSRDRSLLPSDDELKWGAKEVED
HYCDACQFSNRFPYNNPEKLETRCGRCGEWANCFTLCCRAVGFARYVWDYTDHVVTEVYSPSQQRWL
HCDACEDVCDKPLLYEIGWGKLSYVIAFSKDEVVDVTWRYSCHEEVIARRTKVKEALLRDTINGLNKQ
RQLFLSENRRKELLQRIIVELVEFISPKTPKPGELGGRISGSVAWRVARGEMGLQRKETLFIPCENEKIS
KQLHLCYNIVKDRYVRVSNNNQTSISGWENGVWKMESIFRKVETDWHMVYLARKEGSSFAYISWKFECGSV
GLKVDSISIRTSSQTFQTGTVEWKLRSDTAQVELTGDNSLSHYADFSGATEVILEAELSRGDDGVAWQHT
QLFRQSLNDHEENCLEIIIKFSDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

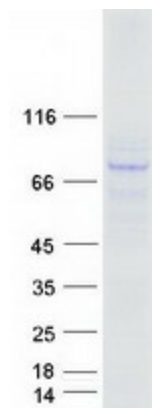
Tag:	C-Myc/DDK
Predicted MW:	74.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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:	<u>NP_060767</u>
Locus ID:	55768
UniProt ID:	<u>Q96IV0</u>
RefSeq Size:	2534
Cytogenetics:	3p24.2
RefSeq ORF:	1965
Synonyms:	CDDG; CDG1V; PNG-1; PNG1; PNGase
Summary:	This gene encodes an enzyme that catalyzes hydrolysis of an N(4)-(acetyl-beta-D-glucosaminy) asparagine residue to N-acetyl-beta-D-glucosaminylamine and a peptide containing an aspartate residue. The encoded enzyme may play a role in the proteasome-mediated degradation of misfolded glycoproteins. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Feb 2009]

Product images:



Coomassie blue staining of purified NGLY1 protein (Cat# TP303447). The protein was produced from HEK293T cells transfected with NGLY1 cDNA clone (Cat# [RC203447]) using MegaTran 2.0 (Cat# [TT210002]).