

Product datasheet for PH303447

NGLY1 (NM_018297) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NGLY1 MS Standard C13 and N15-labeled recombinant protein (NP_060767)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203447
Predicted MW:	74.4 kDa
Protein Sequence:	>RC203447 protein sequence Red=Cloning site Green=Tags(s)

MAAAALGSSSGSASPAVAELCQNTPETFLEASKLLLYADNILRNPNDEKYRSIRIGNTAFSTRLLPVRG
AVECLFEMGFEEGETHLIFPKASVEQLQKIRDLIAIERSRRLDGSNKSHKVKSSQPPAASTQLPTTPSS
NPSGLNQHTRNRQGSDDPPSASTVAADSAILEVLQSNIQHVLYENPALQEALACIPVQELKRKSQEK
LSRARKLDKGINISDEDFLLLELLHWFKEEFFHWYNNVLCSKCGGQTRSRDRSLLPSDELKWKAKEVED
HYCDACQFSNRFPRYNNPEKLETRCGRCGEWANCFTLCCRAVGFEARYVWDYTDHVVTEVYSPSQQRWL
HCDACEDVCDKPLLIEIGWGKLSYVIAFSKDEVVDVTWRYSCKHEEVIARRTKVKEALLRDTINGLNKQ
RQLFLSENRRKELLQRIIVELVEFISPKTPKPGELGGRI SGVAVRVARVARGEMGLQRKETLIPCENEKIS
KQLHLCYNIKDRYVRVSNNNQTI SGWENGVWKMESIFRKVETDWHMVYLARKEGSSFAYISWKFECSV
GLKVDSISIRTSSQTFQTGTVEWKLRSDTAQVELTGDNSLSHYADFSGATEVILEAELSRGDGDVAWQHT
QLFRQSLNDHEENCLEIIKFSDL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

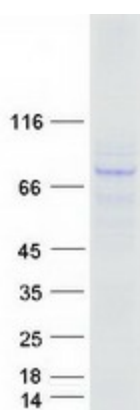
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060767
RefSeq Size:	2534



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RefSeq ORF:	1965
Synonyms:	CDDG; CDG1V; PNG-1; PNG1; PNGase
Locus ID:	55768
UniProt ID:	Q96IV0
Cytogenetics:	3p24.2
Summary:	This gene encodes an enzyme that catalyzes hydrolysis of an N(4)-(acetyl-beta-D-glucosaminy) asparagine residue to N-acetyl-beta-D-glucosaminyamine 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]).