

Recombinant Human NGLY1 Protein, Myc/DDK-Tagged

Cat. No. NGLY1-1828H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NGLY1 protein, C-Myc/DDK-tagged, was expressed in HEK293T cell
Species	Human
Source	HEK293
Description	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
Cytogenetics	3p24.2
Refseq Size	2534
Refseq ORF	1965
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage	Store at -80°C.

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Concentration	>50 ug/mL as determined by microplate BCA method
Molecular Mass	74.2 kDa
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

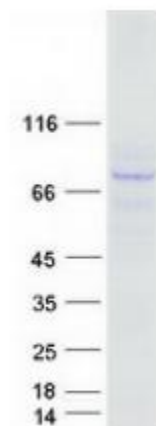
GENE INFORMATION

Gene Name	NGLY1 N-glycanase 1 [Homo sapiens (human)]
Official Symbol	NGLY1
Synonyms	CDDG; PNG1; CDG1V; PNG-1; PNGase
Gene ID	55768
mRNA Refseq	NM_001145293.2
Protein Refseq	NP_060767
UniProt ID	Q96IV0
MIM	610661

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