

ALG13 Protein, Human

Cat. No.:	HY-P701456
Synonyms:	ALG13; Putative bifunctional UDP-N-acetylglucosamine transferase and deubiquitinase ALG13; Asparagine-linked glycosylation 13 homolog; Glycosyltransferase 28 domain-containing protein 1; UDP-N-acetylglucosamine transferase subunit ALG13 homolog
Species:	Human
Source:	E. coli
Accession:	Q9NP73 (S221-D372)
Gene ID:	79868
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	ALG13 protein is proposed as a potential multifunctional enzyme, exhibiting both glycosyltransferase and deubiquitinase activities. It is suggested to play a role in the second step of the dolichol-linked oligosaccharide pathway, specifically in protein N-glycosylation. The multifaceted nature of ALG13 implies its involvement in essential cellular processes, bridging glycosylation and deubiquitination activities, thus highlighting its potential significance in regulating protein modifications and cellular pathways.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA