

Product datasheet for PH306676

Secretory lectin ZG16 (ZG16) (NM_152338) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZG16 MS Standard C13 and N15-labeled recombinant protein (NP_689551)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206676
Predicted MW:	18.2 kDa
Protein Sequence:	>RC206676 protein sequence Red=Cloning site Green=Tags(s) MLTVALLALLCASASGNAIQARSSSYSGEYGGGKRFSHSGNQLDGPITALRVRVNTYYIVGLQVRYGK VWSDYVGGRNGDLEEIFLHPGESVIQVSGKYKWLKLVFVTDKGRYLSFGKDSGTSFNAVPLHPNTVLR FISGRSGSLIDAIGLHWDVYPTSCSRC 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_689551
RefSeq Size:	1806
RefSeq ORF:	501
Synonyms:	JCLN; JCLN1; ZG16A
Locus ID:	653808
UniProt ID:	O60844

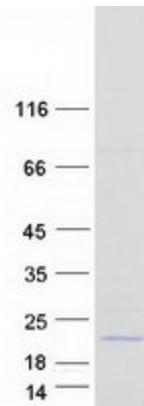


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Cytogenetics: 16p11.2

Summary: May play a role in protein trafficking. May act as a linker molecule between the submembranous matrix on the luminal side of zymogen granule membrane (ZGM) and aggregated secretory proteins during granule formation in the TGN.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ZG16 protein (Cat# [TP306676]). The protein was produced from HEK293T cells transfected with ZG16 cDNA clone (Cat# [RC206676]) using MegaTran 2.0 (Cat# [TT210002]).