

Product datasheet for PH304321

GNLY (NM_006433) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GNLY MS Standard C13 and N15-labeled recombinant protein (NP_006424)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204321
Predicted MW:	16.4 kDa
Protein Sequence:	>RC204321 protein sequence Red=Cloning site Green=Tags(s) MATWALLLLAAMLLGNPGLVFSRLSPEYYDLARAHLRDEEKSCPLAQEGPQGDLLTKTQELGRDYRTCL TIVQKLKMKMVDKPTQRSVSNAATRVCRTGRSRWRDVCNFMRRYQSRVTQGLVAGETAQQICEDLRLCIP STGPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_006424
RefSeq Size:	751
RefSeq ORF:	435
Synonyms:	D2S69E; LAG-2; LAG2; NKG5; TLA519
Locus ID:	10578
UniProt ID:	P22749



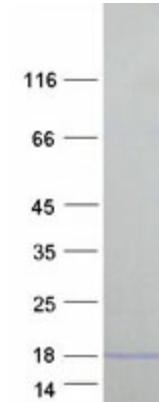
[View online »](#)

Cytogenetics: 2p11.2

Summary: The product of this gene is a member of the saposin-like protein (SAPLIP) family and is located in the cytotoxic granules of T cells, which are released upon antigen stimulation. This protein is present in cytotoxic granules of cytotoxic T lymphocytes and natural killer cells, and it has antimicrobial activity against *M. tuberculosis* and other organisms. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified GNLY protein (Cat# [TP304321]). The protein was produced from HEK293T cells transfected with GNLY cDNA clone (Cat# [RC204321]) using MegaTran 2.0 (Cat# [TT210002]).