

Recombinant Human GNLY Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNLY-1101H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNLY MS Standard C13 and N15-labeled recombinant protein (NP_006424) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	16.4 kDa
AA Sequence	MATWALLLLAAMLLGNPGLVFSRLSPEYYDLARHLRDEEKSCPCLAQEGPQGDL TKTQELGRDYRTCLTIVQKLKKMVDKPTQRSVSNAATRVCRTGRSRWRDVCNFM RRYQSRVTQGLVAGETAQQICEDLRLCIPSTGPLTRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GNLY granulysin [Homo sapiens (human)]

Official Symbol GNLY

Synonyms GNLY; granulysin; LAG2; D2S69E; LAG 2; NKG5; T lymphocyte activation gene 519; TLA519; lymphokine LAG-2; lymphocyte-activation gene 2; T-cell activation protein 519; T-lymphocyte activation gene 519; 519; LAG-2;

Gene ID 10578

mRNA Refseq NM_006433

Protein Refseq NP_006424

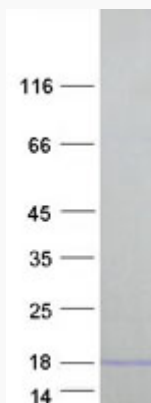
MIM 188855

UniProt ID P22749

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SDS-PAGE

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