

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 <i>M. tuberculosis</i> 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

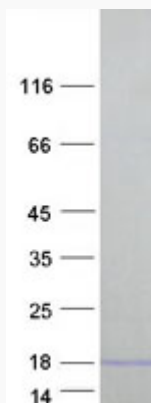
MIM 188855

UniProt ID P22749

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SDS-PAGE

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