

Recombinant Full Length Human GNLY Protein, C-Flag-tagged

Cat. No. GNLY-1702HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GNLY Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	16.2 kDa
AA Sequence	MATWALLLLAAMLLGNPGLVFSRLSPEYYDLARAHLRDEEKSCPCLAQEGPQGDLL TKTQELGRDYRTCL TIVQKLKKMVDKPTQRSVSNAATRVCRTGRSRWRDVCNFM RRYQSRVTQGLVAGETAQQICEDLRLCIP STGPLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

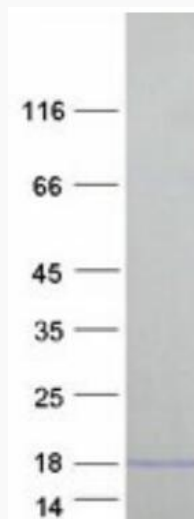
GENE INFORMATION

Gene Name	GNLY granulysin [Homo sapiens (human)]
Official Symbol	GNLY
Synonyms	LAG2; NKG5; LAG-2; D2S69E; TLA519
Gene ID	10578
mRNA Refseq	NM_006433.5
Protein Refseq	NP_006424.2
MIM	188855
UniProt ID	P22749

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Coomassie blue staining of purified GNLY protein.

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