

Recombinant Human GNLY, His-tagged

Cat. No. GNLY-28151TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GNLY, isoform 2 with double His Tag, predicted MWt 18.1 kDa including tags.
Species	Human
Source	E.coli
ProteinLength	130 amino acids
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.
Conjugation	HIS
Molecular Weight	18.100kDa inclusive of tags
Tissue specificity	Expressed in natural killer and T-cells.
Form	Lyophilised:It is recommended to reconstitute in sterile Ultra pure water not less than 100µg/ml, which can then be further diluted into other aqueous solutions.Although stable at room temperature for 3 weeks, GNLY-28151TH should be stored desiccated

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Purity	>95% by SDS-PAGE
Storage	Please see Notes section
Sequences of amino acids	The sequence of the first 25 N-terminal amino acids was determined and was found to be MGSSHHHHHHSSGLVPRGSHMMEGL.
Sequence Similarities	Contains 1 saposin B-type domain.

GENE INFORMATION

Gene Name	GNLY granulysin [Homo sapiens]
Official Symbol	GNLY
Synonyms	GNLY; granulysin; LAG2; D2S69E; LAG 2; NKG5; T lymphocyte activation gene 519; TLA519;
Gene ID	10578
mRNA Refseq	NM_006433
Protein Refseq	NP_006424
MIM	188855
Uniprot ID	P22749
Chromosome	2p12-q11

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