

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 <i>M. tuberculosis</i> 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 granulyisin [Homo sapiens]
Official Symbol	GNLY
Synonyms	GNLY; granulyisin; 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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