

Active Recombinant Human GNLY protein, His-tagged

Cat. No. GNLY-4381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNLY(Met1-Leu145) fused with His tag at C-terminal was expressed in NS0.
Species	Human
Source	Mammalian Cells
ProteinLength	1-145 a.a.
Predicted N Terminal	Arg23
Form	Lyophilized from a 0.2 µm filtered solution in Sodium Citrate and NaCl.
Bio-activity	Measured by its ability to induce RANTES secretion by THP-1 human acute monocytic leukemia cells. The ED50 for this effect is typically 0.3-1 µg/mL, in the presence of 10 µg/mL of a cross-linking antibody Mouse Anti-polyHistidine Monoclonal Antibody.
Molecular Mass	Predicted Molecular Mass: 15.4 kDa;SDS-PAGE: 15 - 16 kDa, reducing conditions
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70

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centigrade as supplied.1 month, 2 to 8 centigrade under sterile conditions after reconstitution.3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS.

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; 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

Chromosome Location 2p12-q11

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