

Recombinant Human GNLY Protein, His-tagged

Cat. No. GNLY-4835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNLY Protein (Arg23-Leu145) was expressed in E. coli with N-terminal His-tag.
Species	Human
Source	E.coli
ProteinLength	23-145 a.a.
Form	Lyophilized Powder
Molecular Mass	15.33 kDa
AA sequence	MKHHHHHHASRLSPEYYDLARAHLRDEEKSCPCLAQEGPQGDLLTKTQELGRDYR TCLTIVQKLKKMVDKPTQRSVSNAATRVCRTGRSRWRDVCNFMRRYQSRVTQGL VAGETAQQICEDLRLCIPSTGPL
Endotoxin	< 1.0 EU/ug
Purity	>95%
Storage	Store the lyophilized protein at -80 centigrade. Lyophilized protein remains stable until the expiry date when stored at -80 centigrade. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 centigrade for long term storage. Reconstituted protein can be stored at 4 centigrade for a week.

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Storage buffer	0.5 mg/mL in 0.05 M phosphate buffer, 0.075 M NaCl, pH 7.4
Reconstitution	Add 200ul of deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
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