

Granulysin Human Recombinant

Item Number	rAP-4480
Synonyms	LAG2, Lymphokine LAG-2, TLA519, NKG5, LAG2, D2S69E, Granulysin, T-cell activation protein 519, GNLV, D2S69E.
Description	GNLV Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 159 amino acids and fused to a double His Tag (N+C terminus) and having a total molecular mass of 18.1 kDa. The GNLV is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P22749
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSHMMEGLVFSRL- SPEYYDLARAHLRDEEKSCPCLAQEGPQGDLLTKTQELGRDYRTCLTIVQKLKMKMVDKPTQRSVSNAAATR VCRTGRSRWRDVCNFMRRYQSRVTQGLVAGETAQQICEDLRLCIPSTGPLGSHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Granulysin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Granulysin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Formulation and Purity	The Granulysin protein was lyophilized from a concentrated (1mg/ml) solution containing no additives. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Granulysin in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**