9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3907: GNLY Recombinant Protein

Alternative Name : LAG2,Lymphokine LAG-2,TLA519,NKG5,LAG2,D2S69E,Granulysin,T-cell activation protein 519,GNLY,D2S69E.

Description

Source : Escherichia Coli. GNLY 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 GNLY is purified by proprietary chromatographic techniques. GNLY is part of the SAPLIP family and is located in the cytotoxic granules of T cells, which are discharged upon antigen stimulation. GNLY is localized in cytotoxic granules of cytotoxic T lymphocytes and natural killer cells, and it has antimicrobial activity against M. tuberculosis and other organisms. GNLY is an antimicrobial protein that kills intracellular pathogens. GNLY is active against a wide range of microbes, including Gram-positive and Gram-negative bacteria, fungi, and parasites. Kills Mycobacterium tuberculosis.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The Granulysin protein was lyophilized from a concentrated (1mg/ml) solution containing no additives.
Storage condition :	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). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHHSSGLVPRGSHMMEGLVFSRLSPEYYDLARAHLRDEEKSCPCLAQEGPQGDLLTKTQELGRDY RTCLTIVQKLKKMVDKPTQRSVSNAATRVCRTGRSRWRDVCRNFMRRYQSRVTQGLVAGETAQQICEDLRLCI PSTGPLGSHHHHHH.

Application Note

It is recommended to reconstitute the lyophilized Granulysin in sterile 18MÃ□Â©-cm H2O not less than 100Ã□Âµg/ml, which can then be further diluted to other aqueous solutions.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.