



Certificate of Analysis

GZMA/Granzyme A Protein, Human (HEK293, His)

Cat. No.: HY-P76377
Batch No.: 289212
Species: Human
Source: HEK293
Tag: C-His
Accession: NP_006135.1 (E27-V262)
Gene ID: 3001
Molecular Weight: Approximately 27-33 kDa.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzyl-oxy-Gly-Arg-ThioBenzyl ester (Z-GR-SBzl), in the presence of 5,5'-Dithio-bis (2-nitrobenzoic acid) (DTNB). The specific activity is >10875 pmol/min/μg, as measured under the described conditions.	12778.616 pmol/min/μg,
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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