

Recombinant Full Length Human GZMK Protein

Cat. No. GZMK-220HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Granzyme K (amino acids 1-264) with N terminal proprietary tag; predicted MW 55.11 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	264 amino acids
Description	This gene product is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface nonself antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here lacks consensus sequences for N-glycosylation present in other granzymes.
Form	Liquid
Molecular Mass	55.110kDa inclusive of tags
AA Sequence	MTKFSSFSLFFLIVGAYMTHVCFNMEIIGGKEVSPHSRPF MASIQYGGHHVCGGVLIDPQWVLTAAHCQYRFTKGQSPTV VLG AHSLSKNEASKQTLEIKKFIPFSRVTS DPQSN DIMLV KLQTA AKLNKHVKMLHIRSKTSLRSGTKCKVTGWGATDPD SLRPSDTLR E V T V T V L S R K L C N S Q S Y Y N G D P F I T K D M V C A G D A K G Q K D S C K G D S G G P L I C K G V F

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HAIVSGGHECGVATKP GIYTLTKKYQTWIKSNLVPHTN

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name GZMK granzyme K (granzyme 3; tryptase II) [Homo sapiens]

Official Symbol GZMK

Synonyms GZMK; granzyme K (granzyme 3; tryptase II); granzyme K (serine protease, granzyme 3; tryptase II); granzyme K; PRSS; TRYP2

Gene ID 3003

mRNA Refseq NM_002104

Protein Refseq NP_002095

MIM 600784

UniProt ID P49863

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