

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	MTKFSSFSLSFFLIVGAYMTHVCFNMEIIGGKEVSPHSRPF MASIQYGGHHVCGGVLI DPQWVLTAHCQYRFTKGQSPTV VLGAHSLSKNEASKQTLEIKKFIPFSRVTS DPQ SNDIMLV KLQTAALKLNKHVKMLHIRSKTSLRSGTKCKVTGWGATDPD SLRPSDTLR EVTVTVLSRKLCSQSYNGDPFITKDMVCA GDAKGQKDSCKGDSGGPLICKGVF

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	HAIVSGGHECGVATKP GIYTLTKKYQTWIKSNLVPPHTN
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