

Granzyme K (GZMK) Recombinant Protein | GZMK recombinant protein

Recombinant Human Granzyme K (GZMK)

CATALOG #
AAA113142

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Granzyme K (GZMK); Recombinant Human Granzyme K (GZMK); GZMK recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	27-264aa; Full Length of Mature Protein
Sequence	IIGGKEVSPH SRPFMASIQY GGHHVCGGVL IDPQWVLTAH HCQYRFTKGQ SPTVVLGAHS LSKNEASKQT LEIKKFIPFS RVTSDPQSND IMLVKLQTAA KLNKHVKMLH IRSKTSLSRG TKCKVTGWGA TDPDSLRLPSD TLREVTVTVL SRKLCNSQSY YNGDPFITKD MVCAGDAKGQ KDSCKGDSGG PLICKGVFHA IVSGGHECGV ATKPGIYTLL TKKYQTWIKS NLVPPHTN
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for GZMK recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504235
NCBI GeneID	3003
NCBI Accession #	NP_002095.1
NCBI GenBank Nucleotide #	NM_002104.2
UniProt Accession #	P49863; B2R563
Molecular Weight	28,882 Da
NCBI Official Full Name	granzyme K
NCBI Official Synonym Full Names	granzyme K
NCBI Official Symbol	GZMK
NCBI Official Synonym Symbols	TRYP2

NCBI Protein Information	granzyme K
UniProt Protein Name	Granzyme K
UniProt Gene Name	GZMK
UniProt Synonym Gene Names	TRYP2; NK-Tryp-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gzmk-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113142>