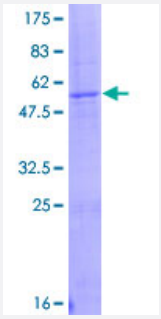
Full-Length

GZMK (Human) Recombinant Protein (P01)

Catalog # H00003003-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GZMK full-length ORF (NP_002095.1, 1 a.a. - 264 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTKFSSFSLFFLIVGAYMTHVCFNMEIIGGKEVSPHSRPFMASIQYGGHHVCGGVLIDPQWVLTAA HCQYRFTKGQSPTVVLGAHSLSKNEASKQTLEIKKFIPFSRVTSDPQSNDIMLVKLQTAAKLNKHV KMLHIRSKTSLRSGTKCKVTGWGATDPDSLRPSDTLREVTVTVLSRKLCNSQSYYNGDPFITKDM VCAGDAKGQKDSCKGDSGGPLICKGVFHAIVSGGHECGVATKPGIYTLLTKKYQTWIKSNLVPPH TN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	55.3
Interspecies Antigen Sequence	Mouse (73); Rat (72)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GZMK

Entrez GeneID	3003
GeneBank Accession#	NM_002104.2
Protein Accession#	NP_002095.1
Gene Name	GZMK
Gene Alias	TRYP2
Gene Description	granzyme K (granzyme 3; tryptase II)
Omim ID	600784
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	granzyme 3|granzyme K|granzyme K (serine protease, granzyme 3; tryptase II)|tryptase II