

Granzyme K Recombinant Protein | GZMK recombinant protein

Recombinant Granzyme K (GZMK)

CATALOG # AAA20967	HOST E.coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

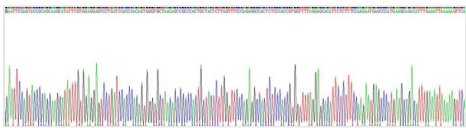
Granzyme K; Recombinant Granzyme K (GZMK); GZMK recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder;PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	800ug/mL (varies by lot)
Applicable Applications for GZMK recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Gln44~Val227
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Predicted isoelectric point	9.6
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequencing (Extract)



SDS-PAGE

QYRSKHI

CGGVLIHPQW VLTAAHCYSW FPRGHSPTVV LGAHLSKNE PMQTFEIKK
FIPFSRLQSG SASHDIMLIK LRTAAELNKN VQLHLGSKN YLRDGTKCQV
TGWGTTKPDLL TASDTLREV TVTIISRKRC NSQSYYNHNP VITKDMICAG
DARGQKDSCK GDSGGPLICK GIFHALV

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504235
NCBI GeneID	3003
NCBI GenBank Nucleotide #	NM_002104.2
Molecular Weight	Predicted Molecular Mass: 24.1kDa Accurate Molecular Mass: 24kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	granzyme K
NCBI Official Synonym Full Names	granzyme K (granzyme 3; tryptase II)
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
UniProt Entry Name	GRAK_HUMAN

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.