Granzyme K Recombinant Protein | GZMK recombinant protein

Recombinant Granzyme K (GZMK)

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

PRODUCT SYNONYMS

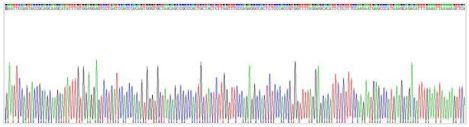
Granzyme K; Recombinant Granzyme K (GZMK); GZMK recombinant protein

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.

IMAGES

SDS-PAGE



Gene Sequencing (Extract)

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                                                  QYRSKHI
CGGVLIHPQW VLTAAHCYSW FPRGHSPTVV LGAHSLSKNE PMKQTFEIKK
FIPFSRLQSG SASHDIMLIK LRTAAELNKN VQLLHLGSKN YLRDGTKCQV
TGWGTTKPDL LTASDTLREV TVTIISRKRC NSQSYYNHKP VITKDMICAG
DARGQKDSCK GDSGGPLICK GIFHALV
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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.

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Online datasheet: https://stage.aaabiotech.com/gzmk-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20967