

Granzyme K (GZMK) Recombinant Protein | GZMK recombinant protein

Recombinant Granzyme K (GZMK)

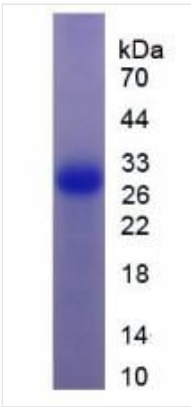
CATALOG # AAA134043	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Applicable Applications for GZMK recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ile27~Asn264
Tags	N-terminal His Tag
Subcellular Location	Secreted, Cytoplasm
Predicted isoelectric point	9.5
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 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



Sequence

IIGG KEVSPHSRPF MASIYYGGHH
VCGGVLDIPQ WVLTAHCQY RFTKGQSPTV VLGHSLSKN EASKQTLEIK
KFIPFSRVTs DPQSDIWLv KLQTAAKLNK HVKMLHIRSK TSLRSGTKCK
VTGWGATDPD SLRPSDTLRE VTVTVLSRKL CNSQSYNGD PFITKDWCA
GDAKGQKQDSC KGDSGGPLIC KGVFHAIVSG GHECGVATKP GIYTLTLTKKY
QTIKSNLVP PHTN

SDS-PAGE

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	Predicted Molecular Mass: 27.1kDa Accurate Molecular Mass: 30kDa 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; NK-Tryp-2; granzyme 3; granzyme-3; tryptase II; fragmentin-3; NK-tryptase-2; granzyme K (serine protease, granzyme 3; tryptase II)
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.