

Recombinant Rat GzmK Protein, His-tagged

Cat. No. GzmK-1609R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat GzmK Protein (Thr24-His258) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr24-His258
Description	Enables serine-type peptidase activity. Predicted to be involved in proteolysis. Orthologous to human GZMK (granzyme K).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.7 kDa Accurate Molecular Mass: 33 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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 centigrade 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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

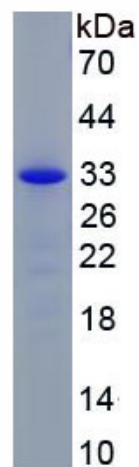
GENE INFORMATION

Gene Name	GzmK granzyme K [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	GzmK
Synonyms	GZMK; granzyme K; NK-Tryp-2; RNK-Tryp-2; NK-tryptase-2;
Gene ID	29165
mRNA Refseq	NM_017119
Protein Refseq	NP_058815
UniProt ID	P49864

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