Recombinant Rat Gzma Protein, His&GST-tagged

Cat. No. Gzma-1608R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gzma Protein (Glu27-Val261) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Glu27-Val261
Description	Predicted to enable protein homodimerization activity and serine-type endopeptidase activity. Predicted to be involved in several processes, including cytotoxic T cell pyroptotic process; granzyme-mediated programmed cell death signaling pathway; and negative regulation of endodeoxyribonuclease activity. Predicted to act upstream of or within response to bacterium. Predicted to be located in nucleus. Orthologous to human GZMA (granzyme A).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.8 kDa Accurate Molecular Mass: 59 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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.
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Gzma granzyme A [Rattus norvegicus (Norway rat)]
Official Symbol	Gzma
Synonyms	GZMA; granzyme A;
Gene ID	266708
mRNA Refseq	NM_153468
Protein Refseq	NP_703198
UniProt ID	G3V7E3

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