Recombinant Mouse Gsdma Protein, His-tagged

Cat. No. Gsdma-1598M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gsdma Protein (Met1-Gln348) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Gln348
Description	Predicted to enable phosphatidylinositol-4,5-bisphosphate binding activity; phosphatidylinositol-4-phosphate binding activity; and phosphatidylserine binding activity. Predicted to be involved in apoptotic process; defense response to bacterium; and pyroptosis. Predicted to act upstream of or within programmed cell death. Located in cytoplasm. Is expressed in esophagus epithelium; stomach; stomach cardiac region; stomach glandular region; and stomach glandular region mucosa. Orthologous to human GSDMA (gasdermin A).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.5 kDa Accurate Molecular Mass: 43 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	Gsdma gasdermin A [Mus musculus (house mouse)]
Official Symbol	Gsdma
Synonyms	GSDMA; gasdermin A; gasdermin-A; gasdermin 1; gasdermin-1; gasdermin A1; gasdermin-A1; Gsdm; Gsdm1; H312E; Gsdma1; BB149167;
Gene ID	57911
mRNA Refseq	NM_021347
Protein Refseq	NP_067322
UniProt ID	Q9EST1

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