

Gasdermin D (GSDMD) Recombinant Protein | GSDMD recombinant protein

Recombinant Gasdermin D (GSDMD)

CATALOG # AAA21147	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS SDS-Page, Western Blot
------------------------------	-----------------------	---	---

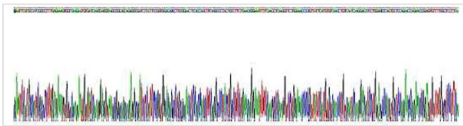
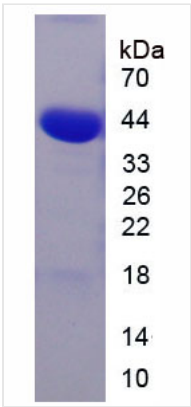
PRODUCT SYNONYMS

Gasdermin D (GSDMD); Recombinant Gasdermin D (GSDMD); GSDMD recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GSDMD 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	Met1~Gln325
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.0
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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



Gene Sequencing (Extract)

SDS-PAGE

```
MPSAFEKVVK NWIKEVSGSR GDLIPVDSL R NSTSFRPYCL LNRKFSSSRF
WKPRYSCVNL SIKDILEPSA PEPEPECFGS FKVSDVVDGN IQGRVMLSGM
GEGKISGGAA VSDSSASPH VCILRVTKT WETMQHERHL QOPENKILQQ
LRSRGDDL FV VTEVLQTK EE VQITEVHSQE GSGQFTLP GA LCLKGEGKGH
QSRKKMVTIP AGSILAFRVA QLLIGSKWDI LLVSEKQRT FEPSSGDRKA
VGQRHHGLNV LAALCSIGKQ LSLISDGIDE EELIEAADFQ GLYAEVKACS
SELESLEHEL RQQILVNIGK ILQDQ
```

Sequence Information

ADDITIONAL INFORMATION

Product Categories/Family for GSDMD recombinant protein	Signal Transduction
---	---------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	83320070
NCBI GeneID	79792
NCBI GenBank Nucleotide #	NM_024736.7
Molecular Weight	Predicted Molecular Mass: 39.5KDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	gasdermin-D
NCBI Official Synonym Full Names	gasdermin D
NCBI Official Symbol	GSDMD
NCBI Official Synonym Symbols	DF5L; DFNA5L; FKSG10; GSDMDC1
NCBI Protein Information	gasdermin-D
UniProt Protein Name	Gasdermin-D
UniProt Gene Name	GSDMD
UniProt Synonym Gene Names	DFNA5L; GSDMDC1
UniProt Entry Name	GSDMD_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.