

Gasdermin D (GSDMD) Recombinant Protein | GSDMD recombinant protein

Recombinant Gasdermin D (GSDMD)

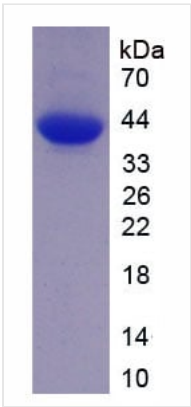
CATALOG # AAA149298	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Gasdermin D (GSDMD); Recombinant Gasdermin D (GSDMD); GSDMDC1; DF5L; Gasdermin Domain Containing 1; GSDMD recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 2500ug/mL (varies by lot)
Applicable Applications for GSDMD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Pro326
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Extracellular matrix
Predicted isoelectric point	6.0
Usage	Reconstitute in 10mM PBS (pH7.4) 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°C for one month. Aliquot and store at -80°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°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

MPSAFAGVVK NVIKEVGGSG GELIPVDCLR NSTSFKPYCL LSRKLSSSWF
WKPRYTCVNL SIKDILEPSA PEPEPECFGN FQVSDVVDGN IQGSVTLSGT
GQKISGGAA VSGSSASMN VCMRLVTQQT WEIMQERHL QQPENKILQQ
LRNRGDDVFV VTEVLQTKEE VQITQVHSHE GSGQFTLPGA SCLQEGEKGH
QSRKKMTIIP AGSILAFRVA QLLIGSEWDI LLISNEKKRT FELPSSGHKG
AVGQRHDFS LLAVLHSIGE RLSLKS DGTN EEEVIREDFQ GLRAEVEAGS
SELRSL E MEL RQQLLV D IGR ILQDQP

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GSDMD recombinant protein	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83320070
NCBI GeneID	79792
NCBI Accession #	NP_079012.3
NCBI GenBank Nucleotide #	NM_024736.7
UniProt Accession #	P57764
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.