

**RPE529Mu01 100µg**

**Recombinant Gasdermin D (GSDMD)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Met1~Gln325

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Cytoplasm, Extracellular matrix

**Purity:** > 95%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.0

**Predicted Molecular Mass:** 39.5KDa

**Accurate Molecular Mass:** 40kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**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 ]**

MPSAFEKVVK NVIKEVSGSR GDLIPVDSLRL NSTSFRPYCL LNRKFSSSRF  
WKPRYSCVNL SIKDILEPSA PEPEPECFGS FKVSDVVDGN IQGRVMLSGM  
GEGKISGGAA VSDSSSASMN VCILRVTKT WETMQHERHL QQPENKILQQ  
LRSRGDDLFLV VTEVLQTKEE VQITEVHSQE GSGQFTLPGA LCLKGEGKGH  
QSRKKMVTIP AGSILAFRVA QLLIGSKWDI LLVSDEKQRT FEPSSGDRKA  
VGQRHHGLNV LAALCSIGKQ LSLLSDGIDE EELIEAADFQ GLYAEVKACS  
SELESLEMEL RQQILVNIGK ILQDQ

**[ IDENTIFICATION ]**

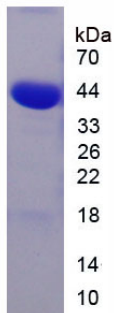


Figure. SDS-PAGE

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.