

Recombinant Human GSDMD Protein, His-tagged

Cat. No. GSDMD-2218H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSDMD Protein (Phe232-His484) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe232-His484
Description	Gasdermin D is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. Gasdermin D has been suggested to act as a tumor suppressor. Alternatively spliced transcript variants have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.0 kDa Accurate Molecular Mass: 31 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	GSDMD gasdermin D [Homo sapiens (human)]
Official Symbol	GSDMD
Synonyms	GSDMD; gasdermin D; gasdermin domain containing 1, GSDMDC1; gasdermin-D; DF5L; FLJ12150; gasdermin domain containing 1; gasdermin domain-containing protein 1; DFNA5L; FKSG10; GSDMDC1;
Gene ID	79792
mRNA Refseq	NM_001166237
Protein Refseq	NP_001159709
MIM	617042

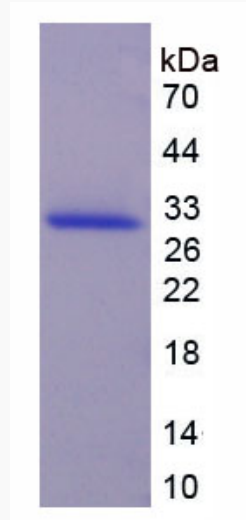
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UniProt ID

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