

# Recombinant Human GSDMD protein, MBP&His-Avi-tagged, Biotinylated

Cat. No. GSDMD-643H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human GSDMD protein(P57764)(1-484aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-484a.a.
<b>Tag</b>	MBP&His&Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	100.6 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

MGSAFERVRRVQELDHGGFIPVTSLSSTGFQPYCLVVRKPSSSWFWKPRYK  
 CVNLSIKDILEPDAAEPDVQRGRSFHFYDAMDGQIQGSVELAAPGQAKIAGGAAVSD  
 SSSTSMNVYSLSDPNTWQTLHERHLRQPEHKVLQQLRSRGDNVYVVTEVLQTQ  
 KEVEVTRTHKREGSGRFSPLPGATCLQGEGQGHLSQKKTVTIPSGSTLAFRVAQLVID  
 SDLDVLLFPDKKQRTFQPPATGHRSTSEGAWPQLPSGLSMMRCLHNFLTDGVP  
 EGAFTEDFQGLRAEVETISKELELLDRELCQLLLEGLVLRDQLALRALEEAELEQG  
 QSLGPVEPLDGPAGAVLECLVLSSGMLVPELAIPVVYLLGALTMLSETQHKLLAEALE  
 SQTLLGPLELVGSLLEQSAPWQERSTMSLPPGLLGNWGEWAPAWVLLDECGLLEL  
 GEDTPHVCWEPQAQGRMCALYASLALLSGLSQEPH

**Conjugation**

Biotin

## GENE INFORMATION

**Gene Name**

[GSDMD gasdermin D \[ Homo sapiens \]](#)

**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](#)

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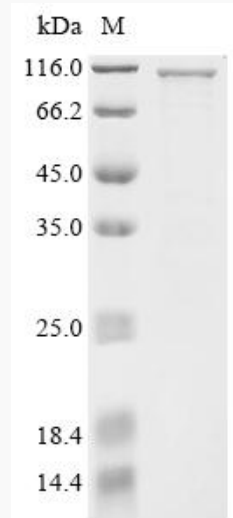
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**Protein Refseq** NP\_001159709

**UniProt ID** P57764

**SDS-PAGE**



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