

## Recombinant Human GSDMD protein, His-tagged

Cat. No. GSDMD-13558H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSDMD protein(135-484 aa), fused with His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	135-484 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	HERHLRQPEHKVLQQLRSRGDNVYVVTEVLQTQKEVEVTRTHKREGSGRFSPLPGA TCLQGEGQGHLSSQKKTVTIPSGSTLAFRVAQLVIDSDLDVLLFPDKKQRTFQPPATG HKRSTSEGAWPQLPSGLSMMRCLHNFLT DGVPAEGAFTEDFQGLRAEVETISKELE LLDRELCQLLLEGLEGLVLRDQLALRALEEALQGGSLGPVEPLDGPAGAVLECLVLS SGMLVPELAIPVVYLLGALTMLSETQHKLLAEALESQTLLGPLELVGSLLEQSAPWQ ERSTMSLPPGLLGNWEGAPAWVLLDECGLELGEDTPHVCWEPQAQGRMCALY ASLALLSGLSQEPH
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## 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](#)

**Protein Refseq** [NP\\_001159709](#)

**UniProt ID** [P57764](#)

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