

Recombinant Human GSDMD protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GSDMD protein(135-484 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	135-484 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	HERHLRQPEHKVLQQLRSRGDNVYVVTEVLQTQKEVEVTRTHKREGSGRFSPLPGA TCLQGEGQGHLSSQKKTVTIPSGSTLAFRVAQLVIDSDLDVLLFPDKKQRTFQPPATG HKRSTSEGAWPQLPSGLSMMRCLHNFLT DGVPAEGAFTEDFQGLRAEVETISKELE LLDRELCQLLLEGLEGVLRDQLALRALEEALQGGQSLGPVEPLDGPAGAVLECLVLS SGMLVPELAIPVVYLLGALTMLSETQHKLLAEALQSQTLLGPLELVGSLLEQSAPWQ ERSTMSLPPGLLGNSWGEGAPAWVLLDECGLELGEDTPHVCWEPQAQGRMCALY ASLALLSGLSQEPH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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