

Recombinant Full Length Human GSDMD Protein, His tagged

Cat. No. GSDMD-12HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	GSDMD Protein, Human (His) is the recombinant human-derived GSDMD protein, expressed by E. coli, with N-6*His tag.
Species	Human
Source	E.coli
ProteinLength	1-484 aa
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	Lyophilized powder
Molecular Mass	57 kDa
Endotoxin	<1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Stored at -20 centigrade for 2 years from date of receipt. After reconstitution, it is stable at 4 centigrade for 1 week or -20 centigrade for longer (with carrier protein). It is recommended to freeze aliquots at -20 or -80 centigrade for extended storage.

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Shipping	Room temperature in continental US; may vary elsewhere.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage Buffer	Lyophilized from a 0.22 µm filtered solution of PBS, 6% trehalose, pH 7.4.
GENE INFORMATION	
Gene Name	GSDMD gasdermin D [Homo sapiens (human)]
Official Symbol	GSDMD
Synonyms	GSDMD; gasdermin D; DF5L; DFNA5L; FKSG10; GSDMDC1; gasdermin-D; gasdermin domain containing 1; gasdermin domain-containing protein 1
Gene ID	79792
mRNA Refseq	NM_024736
Protein Refseq	NP_079012
MIM	617042
UniProt ID	P57764

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