

Recombinant Human GSDMD Protein, His-tagged

Cat. No. GSDMD-642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSDMD Protein(P57764)(1-484aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-484aa
Form	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.
Molecular Mass	59.7 kDa
AASequence	MGSAFERVRRRVVQELDHGGEFIPVTSLSSTGFQPYCLVVRKPSSSWFWKPRYK CVNLSIKDILEPDAAEPDVQRGRSFHFYDAMDGQIQGSVELAAPGQAKIAGGAAVSD SSSTSMNVYSLSDPNTWQTLLHERHLRQPEHKVLQQLRSRGDNVYVVTEVLQTQ KEVEVTRTHKREGSGRFSPLPGATCLQGEGQGHLSQKKTVTIPSGSTLAFRVAQLVID SDLDVLLFPDKKQRTFQPPATGHKRSTSEGAWPQLPSGLSMMRCLHNFLTDGVPA EGAFTEDFQGLRAEVETISKELELLDRELCQLLLEGLEGVLRDQLALRALEEAEQGG QSLGPVEPLDGPAGAVLECLVLSSGMLVPELAIPVVYLLGALTMLSETQHKLLAEALE SQTLGPLELVGSLLEQSAPWQERSTMSLPPGLLGNSWGEGAPAWVLLDECGLLEL GEDTPHVCWEPQAQGRMCALYASLALLSGLSQEPH

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.
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
SDS-PAGE	

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