



Recombinant Human Gasdermin-D (GSDMD)

Product Code	CSB-MP009956HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P57764
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGSAFERVVR RVVQELDHGG EFIPVTSLQS STGFQPYCLV VRKPSSSWFW KPRYKCVNLS IKDILEPDAA EPDVQRGRSF HFYDAMDGQI QGSVELAAPG QAKIAGGAAV SDSSSTSMNV YLSLSDPNTW QLLHERHLR QPEHKVLQQL RSRGDNVYVV TEVLQTQKEV EVTRTHKREG SGRFSLPGAT CLQGEGQGHL SQKKTVTIPS GSTLAFRVAQ LVIDSDLVL LFPDKKQRTF QPPATGHKRS TSEGAWPQLP SGLSMMRCLH NFLTDGVP AE GAFTEDFQGL RAEVETISKE LELLDRELCQ LLEGLEGLV RDQLALRALE EALEQGQSLG PVEPLDGPAG AVLECLVLSS GMLVPELAIP VVYLLGALTM LSETQHKLLA EALESQTLG PLELVGSLLE QSAPWQERST MSLPPGLLGN SWGEGAPAWV LLDECGLELG EDTPHVCWEP QAQGRMCALY ASLALLSGLS QEPH
Source	Mammalian cell
Target Names	GSDMD
Protein Names	Recommended name: Gasdermin-D Alternative name(s): Gasdermin domain-containing protein 1
Expression Region	1-484
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.