

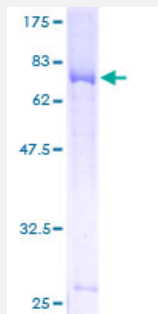
Full-Length

GSDMD (Human) Recombinant Protein (P01)

Catalog # H00079792-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GSDMD full-length ORF (AAH08904, 1 a.a. - 484 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGSAFERVVRRVVQELDHGGEFIPVTSLQSSSTGFQPYCLVVRKPSSSWFWKPRYKCVNLSIKDIL
EPDAAEPDVQGRSFHFYDAMDGQIQGSVELAAPGQAKIAGGAAVSDSSSTSMNVYLSVDPN
TWQTLHERHLRQPEHKVLQQLRSRGDNVYVTEVLQTQKEVEVTRTHKREGSGRFSLPGATCL
QGEGQGHL SQKKTVTIPSGSTLAFRVAQLVIDSDLVLLFPDKKQRTFQPPATGHRSTSEGAWP
QLPSGLSMMRCLHNFLTDGVPAEGAFTEDFQGLRAEVETISKELELLDRELCQLLLEGLEGVLRD
QLALRALEEALQGGSLGPVEPLDGPAGAVLECLVLSSGMLVPELAIPVVYLLGALTMLSETQHK
LLAEALQSQTLLGPLELVGSLLEQSAPWQERSTMSLPGLLGNSWGEGAPAWVLLDECGLELG
EDTPHVCWEPQAQGRMCALYASLALLSGLSQEPH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.98

Interspecies Antigen Sequence

Mouse (57); Rat (54)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GSDMD

Entrez GeneID	79792
GeneBank Accession#	BC008904
Protein Accession#	AAH08904
Gene Name	GSDMD
Gene Alias	DF5L, FKSG10, FLJ12150, GSDMDC1
Gene Description	gasdermin D
Gene Ontology	Hyperlink
Other Designations	1810036L03Rik gasdermin domain containing 1

Publication Reference

- [Pyroptosis and Apoptosis Pathways Engage in Bidirectional Crosstalk in Monocytes and Macrophages.](#)

Taabazuig CY, Okondo MC, Bachovchin DA.

Amino Acids 2017 Apr; 24(4):507.

Application: Func, Recombinant protein