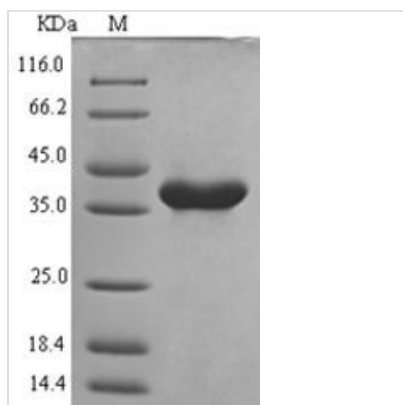




Recombinant Mouse NACHT, LRR and PYD domains-containing protein 3 (Nlrp3), partial

Product Code	CSB-EP823181MO
Relevance	May function as an inducer of apoptosis. Interacts selectively with ASC and this complex may function as an upstream activator of NF-kappa-B signaling. Inhibits TNF-alpha induced activation and nuclear translocation of RELA/NF-KB p65. Also inhibits transcriptional activity of RELA (By similarity). Activates caspase-1 as part of the NALP3 inflammasome complex in response to a number of triggers including bacterial or viral infection which leads to processing and release of IL1B and IL18.
Abbreviation	Recombinant Mouse Nlrp3 protein, partial
Storage	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.
Uniprot No.	Q8R4B8
Alias	Cold autoinflammatory syndrome 1 protein homolog Cryopyrin Mast cell maturation-associated-inducible protein 1 PYRIN-containing APAF1-like protein 1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTSVRCKLAQYLEDLEDVDLKKFKMHLEDYPPEKGCIPVPRGQMEKADHLDL ATLMIDFNNGEEKAWAMAVWIFAAINRRDLWEKAKKDQPEWNDTCTSHSSMVC QEDSLEEEWMGLLGYSRISICKKKKDYCKMYRRHVRSRFYSIKDRNAR
Research Area	Others
Source	E.coli
Target Names	Nlrp3
Expression Region	1-153aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	34.2kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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