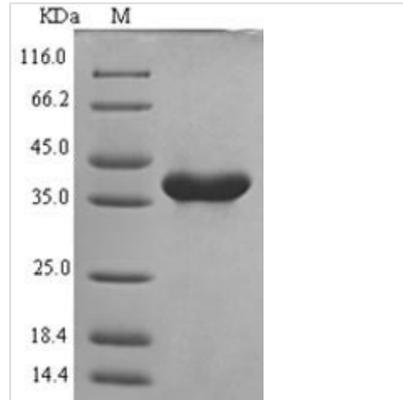




Recombinant Mouse NACHT, LRR and PYD domains-containing protein 3 (Nlrp3), partial

| | |
|--------------------------|---|
| 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 ATLMIDFNGEEKAWAMAVWIFAAINRRDLWEKAKKDQPEWNDTCTSHSSMVC QEDSLEEEWMGLLGYLSRISICKKKKDYCKMYRRHVRSRFYSIKDRNAR |
| 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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