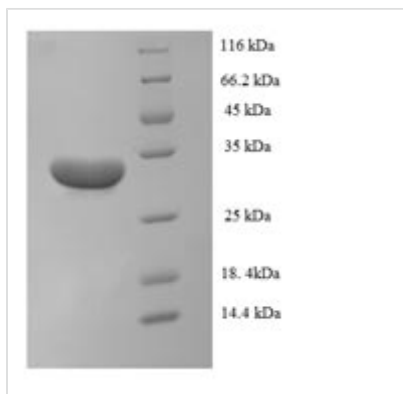




Recombinant Macaca mulatta Interleukin-1 alpha (IL1A)

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|--------------------------|--|
| Product Code | CSB-EP011613MOW |
| Relevance | Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells. |
| Abbreviation | Recombinant Rhesus macaque IL1A protein |
| 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. | P48089 |
| Alias | Hematopoietin-1 |
| Product Type | Recombinant Protein |
| Immunogen Species | Macaca mulatta (Rhesus macaque) |
| Purity | ≥ 90% as determined by SDS-PAGE. |
| Sequence | SAPFSFLSNMTYHFIRIIKHEFILNDTLNQTIIIRANDQHLTAAAIHNLDEAVKFDM GAYTSSKDDTKVPVILRISKTKLYVSAQDEDQPVLLKEMPEINKTITGSETNFLF FWETHGTKNYFISVAHPNLFIA TKHDNWWVCLAKGLPSITDFQILENQA |
| Research Area | Others |
| Source | E.coli |
| Target Names | IL1A |
| Protein Names | Recommended name: Interleukin-1 alpha Short name= IL-1 alpha Alternative name(s): Hematopoietin-1 |
| Expression Region | 113-271aa |
| 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 | 34.1kDa |
| Protein Length | Full Length of Mature Protein |
| 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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