Recombinant Rhesus Macaque IL1A Protein (113-271 aa), His-SUMO-tagged

Cat. No. IL1A-577R **Lot. No.** (See product label)

SPECIFICATION

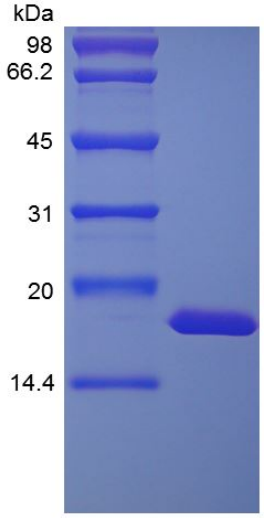
Product Overview	Recombinant Rhesus Macaque IL1A Protein (113-271 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Rhesus macaque
Source	E.coli
ProteinLength	113-271 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	34.1 kDa
AA Sequence	SAPFSFLSNMTYHFIRIIKHEFILNDTLNQTIIRANDQHLTAAAIHNLDEAVKFDMGAYT SSKDDTKVPVILRISKTQLYVSAQDEDQPVLLKEMPEINKTITGSETNFLFFWETHGT KNYFISVAHPNLFIATKHDNWVCLAKGLPSITDFQILENQA

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID	P48089



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

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