Recombinant Mouse Il1a Protein, His-tagged

Cat. No. Il1a-7236M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse IL1a protein, fused to His-tag at N-terminus, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	115-270
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	Liquid
Molecular Mass	20.4 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSSAPYTYQSDLRYKLMKLVRQKFVMNDSLNQTI YQDVDKHYLSTTWLNDLQQEVKFDMYAYSSGGDDSKYPVTLKISDSQLFVSAQGED QPVLLKELPETPKLITGSETDLIFFWKSINSKNYFTSAAYPELFIATKEQSRVHLARGL PSMTDFQIS
Purity	> 85 % by SDS-PAGE

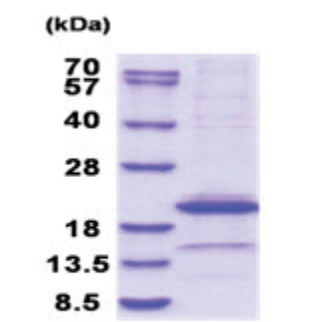
Tel: 1-631-559-9269 1-516-512-3133
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45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	1.0 mg/mL (determined by Bradford assay)
Storage Buffer	Phosphate buffer saline (pH 7.4) containing 10 % glycerol.

GENE INFORMATION

Gene Name	Il1a interleukin 1 alpha [Mus musculus (house mouse)]
Official Symbol	Il1a
Synonyms	Il1a; interleukin 1 alpha; Il; Il-1a; interleukin-1 alpha; IL-1 alpha
Gene ID	16175
mRNA Refseq	NM_010554
Protein Refseq	NP_034684
UniProt ID	P01582

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SDS-PAGE	 15% SDS-PAGE (3ug)

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