

Recombinant Murine Interleukin-1 α (IL-1 α)

CATALOG #:	4126-10	10 μ g
	4126-50	50 μ g
	4126-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	> 98% by SDS-PAGE and HPLC analysis Endotoxin level is <0.1 ng per μ g of IL-1 α .	
MOL. WEIGHT:	18 kDa	
FORMULATION:	Lyophilized after extensive dialysis against PBS	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of not less than 100 μ g/ml. which can then be diluted into other aqueous solutions.

STORAGE CONDITIONS:

The lyophilized IL-1 α is best-stored desiccated below -18 °C. Upon reconstitution IL-1 α should be stored at 4 °C (2-7 days) and at -20°C for future use. For long term storage it is recommended to add a carrier protein (0.1 % HSA or BSA).

DESCRIPTION:

Recombinant mouse Interleukin-1 alpha (IL-1 α) produced in *E. coli* is a non-glycosylated polypeptide chain containing 156 amino acids and has a molecular weight of 18 kDa. Murine IL-1 α is a potent immuno-modulator that mediates a wide range of immune and inflammatory responses.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the dose-dependent stimulation of the proliferation of murine D10S cells was found to be < 0.01ng/ml, corresponding to a specific activity of 1 x 10⁸ IU/mg.

FOR RESEARCH USE ONLY! Not to be used on humans.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
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- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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