

RECOMBINANT HUMAN INTERLEUKIN-1 α

CATALOG NUMBER:	IL001	QUANTITY:	10 μ g
LOT NUMBER:			
DESCRIPTION:	Interleukin-1 α is a potent immuno-modulator which mediates a wide range of immune and inflammatory responses. Human IL-1 α is a 18.0 kDa protein containing 159 amino acid residues.		
SOURCE:	<i>E. coli</i>		
PURITY:	Greater than 98% by SDS-PAGE and HPLC analyses. Endotoxin is less than 0.1 ng per μ g (1EU/ μ g).		
ACTIVITY:	Human IL-1 α is fully biologically active when compared to standards. The ED ₅₀ as determined by the dose-dependent stimulation of mouse D10S cells is less than 0.001 ng/mL, corresponding to a specific activity of $\geq 1 \times 10^9$ units/mg.		
PRESENTATION:	Lyophilized from 10 mM Tris, pH 8.0, containing 50 mM NaCl.		
STORAGE/HANDLING:	The lyophilized powder, though stable at room temperature, is best stored desiccated at -20°C. After a quick spin, reconstitute with sterile water to a concentration of 0.1–1 mg/mL. This solution can be diluted into other buffered solutions or stored at -20°C in undiluted aliquots for up to six months. Avoid repeated freeze/thaw cycles.		

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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