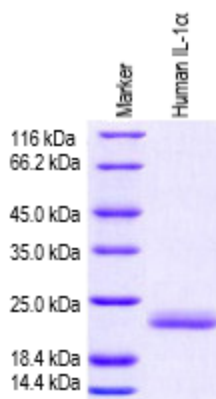
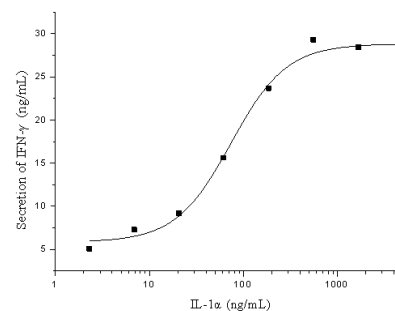


Human CellExp™ IL-1 α , Human Recombinant

03/21

CATALOG NO:	P1717-20 20 μ g
ALTERNATE NAMES:	Interleukin-1 alpha; Hematopoietin-1; IL1; IL-1A; IL1F1; IL1-ALPHA; IL-1 alpha
MOL. WT.	18 kDa calculated; 22 kDa observed
NCBI GENE ID:	3552
ACCESSION NO.:	P01583
PURITY:	\geq 95% by SDS-PAGE
SOURCE:	HEK 293 cells
ENDOTOXIN:	< 1 EU per 1 μ g of protein as determined by LAL method
AMINO ACID SEQUENCE:	Ser 113 to Ala 271 of human IL-1 α
SPECIFIC ACTIVITY:	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells (ED50 typically 0.2-1 ng/mL) and by its ability to induced Interferon gamma secretion by human natural killer lymphoma NK-92 cells (ED50 typically 0.07-0.35 μ g/mL)
FORM:	Lyophilized powder
FORMULATION:	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0
STORAGE CONDITIONS:	Store at -20 °C to -80 °C. Upon reconstitution, divide into small aliquots and store at -20 °C to -80 °C. Avoid repeated freeze-thaw cycles.
DESCRIPTION:	Interleukin-1 (IL-1) is produced by activated macrophages and stimulates thymocyte proliferation by inducing IL-2 release. IL-1 also induces B-cell maturation and proliferation, and modulates fibroblast growth factor activity. IL-1 proteins have been identified as endogenous pyrogens, and are involved in the inflammatory response.

SDS-PAGE analysis of Human IL-1 α Measurement of the ability of Human IL-1 α to induce interferon gamma secretion by human natural killer lymphoma NK-92 cells. (ED50 typically 0.07-0.35 μ g/mL)

RELATED PRODUCTS:

IL-1 α (Human) ELISA Kit (Cat. No. E4802)
 IL-1 Alpha Antibody (Cat. No. 5125)
 Human CellExp™ IL-1 Beta / IL-1F2, Human Recombinant (Cat. No. P1019)
 IL1RA/IL1RN (Human) ELISA Kit (Cat. No. K4229)
 IL-1 Alpha, Human Recombinant (Cat. No. 4125)

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