

# Rat IL-1 Alpha Recombinant Protein



RPPB0452

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## Product Information    Protein Information

**Product SKU:**

RPPB0452

**Accession:**

P16598

**Host:**

E.coli.

**Protein description:**

IL1A Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 179 amino acids (115-270 a.a) and having a molecular mass of 20.2kDa.IL1A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Interleukin-1 alpha, IL-1 alpha.

**Formulation:**

IL1A protein solution (1mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHHH SGLVPRGSH MGSSAPHSFQ NNLRYKLIRI VKQEFIMNDS LNQNIYVDMMDRIHLKAASLN  
DLQLEVKFDM YAYSSGGDDSKYPVTLKVSN TQLFVSAQGE DKPVLLKEIPETPKLITGSE TDLIFFWEKI  
NSKNYFTSAA FPELLIATKE QSQVHLARGL PSMIDFQIS.

**Biological Activity:**

The ED50 that was measured in a cell proliferation assay using D10.G4.1 mouse helper T cell is <20 pg/ml.