

Rat IL 1 alpha Recombinant Protein



RPPB0451

Product Information Protein Information

Product SKU:

RPPB0451

Accession:

P16598

Host:

Escherichia Coli.

Protein description:

IL 1 alpha 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. IL 1 alpha 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:

IL 1 alpha protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% 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:

MGSSHHHHHH SGLVPRGSH MGSSAPHSFQ NNLRYKLIRI VKQEFIMNDS LNQNIYVDMD RIHLKAASLN
DLQLEVKFDM YAYSSGGDDS KYPVTLKVSN TQLFVSAQGE DKPVLLKEIP ETPKLITGSE TDLIFFWEKI
NSKNYFTSAA FPELLIATKE QSQVHLARGL PSMIDFQIS.

Biological Activity:

The biological activity was Rat IL1 alpha was measured in a cell proliferation assay using D10.G4.1 mouse helper T cell. The ED50 for this effect is less or equal to 20 pg/ml.