

Mouse IL1B Recombinant Protein



RPPB0460

Product Information Protein Information

Product SKU:

RPPB0460

Accession:

P10749

Host:

E.coli.

Protein description:

IL1B Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 189 amino acids (118-269 a.a) and having a molecular mass of 21kDa.IL1B is fused to a 37 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Interleukin 1 beta, IL-1b, IL-1beta, Catabolin, H1, IL 1,IL 1 beta,IL-1 beta, IL1 BETA,IL1B,IL1B_HUMAN,IL1F2, Interleukin 1 beta, Interleukin-1 beta, OAF,OTTHUMP00000162031, Preinterleukin 1 beta,Pro interleukin 1 beta.

Formulation:

IL1B protein (1mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Purity:

Greater than 90% 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:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMVPI RQLHYRLRDE QQKSLVSDP
YELKALHLNG QNINQQVIFS MSFVQGEPSN DKIPVALGLK GKNLYLSCVM KDGTPTLQLE SVDPKQYPKK
KMEKRFVFNK IEVKSKEFE SAEFPNWWYIS TSQAEHKPVF LGNNSGQDII DFTMESVSS.

Biological Activity:

Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED50 range < 0.1 ng/ml.