

Mouse IL1RA Recombinant Protein



RPPB0472

Product Information Protein Information

Product SKU:

RPPB0472

Accession:

P25085

Host:

Escherichia Coli.

Protein description:

IL1RA Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 177 amino acids (27-178 aa) and having a molecular mass of 20kDa. IL1RA is fused to a 25 amino acid His tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

IRAP, IL1F3, IL1RA, IL-1ra3, ICIL-1RA, IL1RN, IL1 inhibitor, IL-1ra, F630041P17Rik.

Formulation:

The IL1RA solution (1 mg/ml) contains 10% Glycerol, 20mM Tris-HCl buffer (pH 8.0) and 0.1M NaCl

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 MGS HMRPSGK RPCKMQAFRI WDTNQKTFYL RNNQLIAGYLQGPNIKLEEK
IDMVPIDLHS VFLGIHGGKL CLSCAKSGDD IKLQLEEVNI TDLSKNKEEDKRFTFIRSEK GPTTSFESAA
CPGWFLCTTL EADRPVSLTN TPEEPLIVTK FYFQEDQ

Biological Activity:

Measured by the ability to inhibit proliferation using D10.G4.1 mouse helper T cells. ED50 for this effect is \leq 60 ng/ml with Mouse IL-1 alpha.