

Human IL1RL1 Recombinant Protein



RPPB0469

Product Information Protein Information

Product SKU:

RPPB0469

Accession:

Q01638

Host:

Sf9, Baculovirus cells.

Protein description:

IL1RL1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 318 amino acids (19-328a.a.) and having a molecular mass of 36.0kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).IL1RL1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Interleukin 1 Receptor Like 1, Homolog Of Mouse Growth Stimulation-Expressed, DER4, ST2, T1, Interleukin 1 Receptor-Related Protein, Interleukin-1 Receptor-Like 1, Growth Stimulation-Expressed, Protein ST2, FIT-1, IL33R, ST2L, ST2V, Interleukin-1 receptor-like 1.

Formulation:

IL1RL1 protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

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:

KFSKQSWGLE NEALIVRCPR QGKPSYTDW YYSQTNKSIP TQERNRVFAS GQLLKFLPAA VADSGIYTCI
VRSPTFNRTG YANVTIYKKQ SDCNVPDYL M YSTVSGSEKN SKIYCPTIDL YNWTAPLEWF KNCQALQGSR
YRAHKSFLVI DNVMTEDAGD YTCKFIHNEN GANYSVTATR SFTVKDEQGF SLFPVIGAPA QNEIKEVEIG
KNANLTCSAC FGKGTQFLAA VLWQLNGTKI TDFGEPRIQQ EEGQNQSFSN GLACLDMVLR IADVKEEDLL
LQYDCLALNL HGLRRHTVRL SRKNPIDHHS LEHHHHHH.

Biological Activity:

Measured by its ability to inhibit proliferation using D10.G4.1 mouse helper T cells. The ED50 for this effect is less or equal to 10ng/ml with IL-33.