

Recombinant Human IL1RL1 protein, T7/His-tagged

Cat. No. IL1RL1-144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of human IL1RL1 cDNA (19 – 328aa, Isoform-II, derived from BC030975) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-328 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGGQMGRGHHHHHHENLYFQGGFEGSKFSKQSWGLENEALIVRCPRQG KPSYTVDWYYSQTNKSIPTQER NRVFASGQLLKFLPAAVADSGIYTCIVRSPTFNRT GYANVTIYKKQSDCNVPDYLMYSTVSGSEKNSKIYCPTID LYNWTAPLEWFKNCQA LQGSRYRAHKSFLVIDNVMTEADGDTCKFIHNENGANYSVTATRSFTVKDEQGFSL FP VIGAPAQNEIKEVEIGKNANLTCSACFGKGTQFLAAVLWQLNGTKITDFGEPRIQ QEEGQNQSFSNGLACLDMLV RIADVKEEDLLLQYDCLALNLHGLRRHTVRLSRKNP IDHHS
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro IL1RL1 mediated T cell activation in IL-33 regulatory pathway study with this protein either as soluble factor or as coating matrix protein.2.

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May be used for mapping IL1RL1 protein-protein interaction.³ Potential biomarker protein for diagnostic applications, such as preeclampsia or GVHD et al.⁴ As immunogen for specific antibody production.

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name IL1RL1 interleukin 1 receptor-like 1 [Homo sapiens]

Official Symbol IL1RL1

Synonyms

IL1RL1; interleukin 1 receptor-like 1; interleukin-1 receptor-like 1; DER4; FIT 1; homolog of mouse growth stimulation expressed; IL33R; ST2; ST2L; ST2V; T1; growth stimulation-expressed; interleukin 1 receptor-related protein; homolog of mouse growth stimulation-expressed; FIT-1; MGC32623;

Gene ID 9173

mRNA Refseq NM_003856

Protein Refseq NP_003847

MIM 601203

UniProt ID Q01638

Chromosome Location 2q12

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Function

cytokine receptor activity; interleukin-1 receptor activity; interleukin-33 binding; protein binding; receptor activity; receptor signaling protein activity;

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