

Interleukin-1 Receptor Like-1 Recombinant Protein | IL1RL1 recombinant protein

Recombinant Human Interleukin-1 Receptor Like-1

CATALOG # AAA38679	HOST E Coli
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PRODUCT SYNONYMS

Interleukin-1 Receptor Like-1; Recombinant Human Interleukin-1 Receptor Like-1; IL1RL1 Human; Interleukin-1 receptor-like 1 Human Recombinant; Interleukin-1 receptor-like 1; Protein ST2; IL1RL1; DER4; ST2; T1; ST2L; ST2V; FIT-1; MGC32623; IL1RL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	IL1RL1 protein solution is supplied in 25mM Sodium Acetate pH 4.8 and 50% glycerol. Sterile Filtered clear solution.
Sequence Length	211
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for IL1RL1 recombinant protein	Description: IL1RL1 Human Recombinant produced in E Coli is a single, non-glycosylated, Polypeptide chain containing 310 amino acids fragment (19-328) corresponding to the soluble IL1RL1 coding sequence, having a molecular weight of 39.5kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The IL1RL1 is purified by proprietary chromatographic techniques. Introduction: The IL1RL1 gene is a member of the IL-1 receptor family, encoding a transmembrane protein with a structure similar to IL-1R1. IL1RL1 is a receptor for interleukin-33, its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. IL1RL1 may possibly be involved in helper T-cell function. IL1RL1 is highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine. A soluble form of the IL1RL1 is produced from the same gene by alternative splicing and was shown to be expressed in several cell types including fibroblasts and mast cells. Soluble IL1RL1 also acts as a negative regulator of Th2 cytokine production and high levels have been reported in several disease states and conditions including asthma, sepsis and myocardial infarction. Analysis of the similar gene in mouse suggested that the IL1RL1 receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells.
Product Categories/Family for IL1RL1 recombinant protein	Cytokines and Growth Factors; Cytokines; Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	538920367
NCBI GeneID	9173
NCBI Accession #	NP_001269337.1
NCBI GenBank Nucleotide #	NM_001282408.1
UniProt Accession #	Q01638; Q53TU7; Q8NEJ3; Q9ULV7; Q9UQ44; A8K6B3; B4E0I3

Molecular Weight	23,723 Da
NCBI Official Full Name	interleukin-1 receptor-like 1 isoform 3
NCBI Official Synonym Full Names	interleukin 1 receptor-like 1
NCBI Official Symbol	IL1RL1
NCBI Official Synonym Symbols	T1; ST2; DER4; ST2L; ST2V; FIT-1; IL33R
NCBI Protein Information	interleukin-1 receptor-like 1; growth stimulation-expressed; homolog of mouse growth stimulation-expressed; interleukin 1 receptor-related protein
UniProt Protein Name	Interleukin-1 receptor-like 1
UniProt Gene Name	IL1RL1
UniProt Synonym Gene Names	DER4; ST2; T1
UniProt Entry Name	ILRL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il1rl1-recombinant-protein-e-coli/38679>