

Recombinant Human IL1RL1, FLAG-tagged

Cat. No. IL1RL1-501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Signal peptide and the sequence of isoform 2 of human ST2 (aa 1-328) are fused at the C-terminus to a FLAG-tag.
Species	Human
Source	HEK293
ProteinLength	1-328 a.a.
Description	The ST2 (Interleukin-1 receptor-like 1; Interleukin-33 receptor) gene was originally identified as a gene induced by serum or oncogene expression in fibroblasts. The gene produces a shorter soluble secreted form (ST2) and a longer, transmembrane form (ST2L) by alternative splicing. Soluble ST2 has been shown to downregulate the expression of TLR1 and TLR4. ST2L negatively regulates TLR4 signaling and induces endotoxin tolerance, and enhances Th2 responses. IL-33 is the specific ligand for ST2L.
Form	Liquid. 0.2µm-filtered solution in PBS, pH 7.2.
Molecular Mass	~50kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.

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Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. For maximum product recovery after thawing, centrifuge the vial before opening the cap.
Concentration	0.5mg/ml
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
Function	cytokine receptor activity; interleukin-1 receptor activity; interleukin-33 binding; protein

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binding; receptor activity; receptor signaling protein activity;

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