Recombinant Human Interleukin 1 Receptor-Like 2

Cat. No. IL1RL2-1639H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	Sf21 Cells
Description	Interleukin-1 receptor related protein 2 (IL-1 Rrp2) is a receptor for IL-1F6 which is a proinflammatory member of IL-1 family. IL-1F8, and IL-1F9 also signal through IL-1Rrp2 and IL-1RAcP. IL-1F6, IL-1F8 and Il-1F9 are agonists and, along with their receptor IL-1Rrp2, are highly expressed in epithelial cells suggesting a role in immune defense in the skin and the gastrointestinal (GI) tract including the mouth. Synovial fibroblasts and articular chondrocytes also express IL-1Rrp2 and respond to IL-1F8, indicating a possible role in rheumatoid arthritis (RA).
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/μg as determined by the LAL method.
Molecular Weight	The predicted molecular weight of Recombinant Human IL-1 Rrp2 is Mr 62.8 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 80 kDa.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -

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	20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

GENE INFORMATION

Gene Name	IL1RL2 interleukin 1 receptor-like 2 [Homo sapiens]
Synonyms	interleukin 1 receptor-like 2; IL1RRP2; IL1R-rp2; IL1RL2; interleukin-1 receptor-related protein 2; IL-1Rrp2; IL1R-rp2; IL1RRP2
Gene ID	8808
mRNA Refseq	NM_003854
Protein Refseq	NP_003845
MIM	604512
UniProt ID	Q9HB29
Chromosome Location	2q12
Function	interleukin-1, Type I, activating receptor activity; transmembrane receptor activity

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