Recombinant Human Interleukin 1 Receptor Accessory Protein-Like 1

Cat. No. IL1RAP-1638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	Sf21 Cells
Description	IL-1R accessory protein (IL-1RAcP) is a transmembrane protein that interacts with IL-1R and is required for IL-1 signal transduction. IL-1RAcP is an indispensible molecule in the IL-1 receptor signal transduction complex, necessary to link events on the plasma membrane level to downstream signaling pathways, allowing IL-1-dependent activation of transcription factors and gene expression. IL-1R AcP represents a novel target for blocking IL-1 function in human disease.
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 R3 is Mr 67.4 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 70-75 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	L1RAP interleukin 1 receptor accessory protein [Homo sapiens]
Synonyms	IL1RAP; interleukin 1 receptor accessory protein; IL1R3; C3orf13; FLJ37788; IL-1RAcP; OTTHUMP00000209486; OTTHUMP00000209487; OTTHUMP00000209489; OTTHUMP00000209492; interleukin-1 receptor accessory protein beta; IL-1 receptor accessory protein; IL-1RAcP
Gene ID	3556
mRNA Refseq	NM_002182
Protein Refseq	NP_002173
MIM	602626
UniProt ID	Q9NPH3
Chromosome Location	3q28
Pathway	Apoptosis; Cytokine-cytokine receptor interaction
Function	interleukin-1 receptor activity; protein binding; transmembrane receptor activity

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