

Recombinant Human IL1R2 Protein, MYC/DDK-tagged

Cat. No. IL1R2-1821H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IL1R2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Alternative splicing results in multiple transcript variants and protein isoforms. Alternative splicing produces both membrane-bound and soluble proteins. A soluble protein is also produced by proteolytic cleavage. [provided by RefSeq, May 2012].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	43.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	IL1R2 interleukin 1 receptor, type II [Homo sapiens]
Official Symbol	IL1R2
Synonyms	CD121b; IL1RB; MGC47725
Gene ID	7850
mRNA Refseq	NM_004633
Protein Refseq	NP_004624
MIM	147811
UniProt ID	P27930

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