

Recombinant Full Length Human IL1RN Protein, C-Flag-tagged

Cat. No. IL1RN-1893HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IL1RN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses, particularly in the acute phase of infection and inflammation. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	17.1 kDa
AA Sequence	MEICRGLRSHLITLLFLFHSETICRPSGRKSSKMQAFRIWDVNQKTFYLRNNQLVAG YLQGPNVNLEEK IDVVPIEPHALFLGIHGGKMCLSCVKSGDETRLQLEAVNITDLSN RKQDKRFAFIRSDSGPTTSFESAA CPGWFLCTAMEADQPVSLTNMPDEGVMVTKF YFQEDE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	IL1RN interleukin 1 receptor antagonist [Homo sapiens (human)]
Official Symbol	IL1RN
Synonyms	DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA
Gene ID	3557
mRNA Refseq	NM_173842.3
Protein Refseq	NP_776214.1
MIM	147679

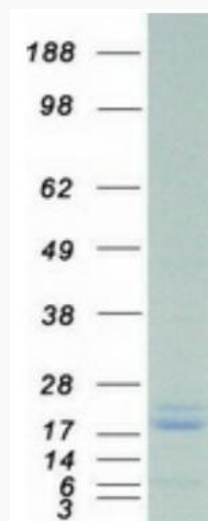
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UniProt ID

P18510



Coomassie blue staining of purified IL1RN protein.

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