

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	<p>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.</p>
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	17.1 kDa
AA Sequence	<p>MEICRGLRSHLITLLLFLFHSETICRPSGRKSSKMQAFRIWDVNQKTFYLRNNQLVAG YLQGPNVNLEEK IDVVPIEPHALFLGIHGGKMCLSCVKSGDETRLQLEAVNITDLSN RKQDKRFAFIRSDSGPTTSFESAA CPGWFLCTAMEADQPVSLTNMPDEGVMVTKF YFQEDE TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>

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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

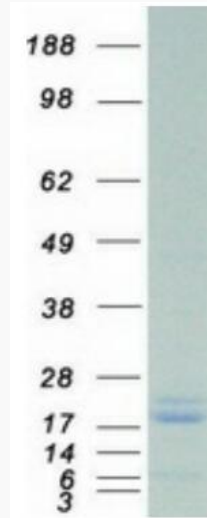
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UniProt ID

P18510



Coomassie blue staining of purified IL1RN protein.

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