

Recombinant Bovine Interleukin 1 Family, Member 5 (Delta)

Cat. No. IL1F5-237B Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine IL-1F5 was expressed in Yeast. MW= 17.1 kDa (155 aa).
Species	Bovine
Source	Yeast
Description	Interleukin-1 family member 5 is a protein that in humans is encoded by the IL1F5 gene. The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine was shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, member 6 (IL1F6). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding the same protein have been reported.
Formulation/ Reconstitution	Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Purification	Ion-exchange chromatography.
Purity	>95% as visualized by SDS-PAGE analysis.
Amino Acid Sequence	MVLSGALCFR MKDAALKVLY LHDNQLLAGG LQAGKVIKGE EISVVPNRS L DAKLSPVILG VHGGSQLCLSC GTGQEPTLKL EPVNIMELYH SAEKSKKFTF YRRDTGLTSS FESAAYPGWF LCTVPEADQP LQITQLPKDT SWDNPIIDFY FQQCD.

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Bioactivity In testing.

Stability And Storage Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name IL1F5 interleukin 1 family, member 5 (delta) [Bos taurus]

Synonyms interleukin 1 family, member 5 (delta); IL1F5; interleukin 1 family, member 5

Gene ID 518514

mRNA Refseq NM_001075775.1

Protein Refseq NP_001069243.1

Chromosome Location 11

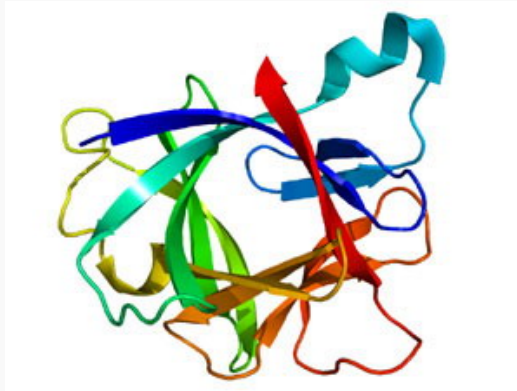
Function interleukin-1 receptor antagonist activity

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