Bioactive

IL1RL1 (Human) Recombinant Protein

Catalog # P8232 Size 2 x 10 ug

Specification

Product Description	Human IL1RL1 (Q01638, 19 a.a. - 328 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.
Sequence	KFSKQSWGLENEALIVRCPRQGKPSYTVDWYYSQTNKSIPTQERNRVFASGQLLKFLPAAVADS GIYTCIVRSPTFNRTGYANVTIYKKQSDCNVPDYLMYSTVSGSEKNSKIYCPTIDLYNWTAPLEWFKN CQALQGSRYRAHKSFLVIDNVMTEDAGDYTCKFIHNENGANYSVTATRSFTVKDEQGFSLFPVIGA PAQNEIKEVEIGKNANLTCSACFGKGTQFLAAVLWQLNGTKITDFGEPRIQQEEGQNQSFSNGLA CLDMVLRIADVKEEDLLLQYDCLALNLHGLRRHTVRLSRKNPIDHHSLEHHHHHH
Host	insect
Theoretical MW (kDa)	36
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 95% by SDS-PAGE
Activity	The ED_{50} is < 10 ng/mL with IL-33, measured by the ability to inhibit proliferation using D10.G4.1 mouse helper T cells.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

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- SDS-PAGE

Gene Info — IL1RL1

Entrez GeneID	9173
Protein Accession#	Q01638
Gene Name	IL1RL1
Gene Alias	DER4, FIT-1, MGC32623, ST2, ST2L, ST2V, T1
Gene Description	interleukin 1 receptor-like 1
Omim ID	601203
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, an d may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine rec eptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene res ults in multiple transcript variants. [provided by RefSeq
Other Designations	OTTHUMP00000161342|growth stimulation-expressed|homolog of mouse growth stimulation-exp ressed|interleukin 1 receptor-related protein

Disease

- Arthritis
- Asthma
- Bronchial Hyperreactivity
- Chronic Disease
- Disease Progression
- Genetic Predisposition to Disease
- Hepatitis C
- Hypersensitivity

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- Intervertebral Disk Displacement
- Myocardial Infarction
- Nasal Polyps
- Obesity
- Occupational Diseases
- Osteoarthritis
- Rhinitis
- Sinusitis
- Viremia
- Yellow Fever

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