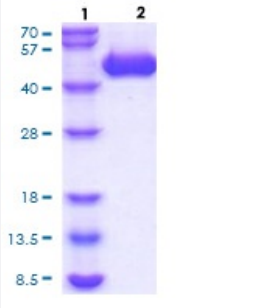
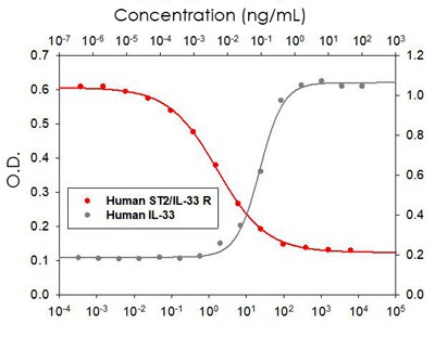
Bioactive

IL1RL1 (Human) Recombinant Protein

Catalog # P8043 Size 50 ug

Applications





Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	Human IL1RL1 (Q01638, 19 a.a. - 328 a.a.) partial length recombinant protein with His tag expressed in Baculovirus expression system.
Sequence	KFSKQSWGLENEALIVRCPRQGKPSYTVDWYYSQTNKSIPTQERNRVFASGQLLKFLPAAVADS GIYTCIVRSPTFNRTGYANVTIYKKQSDCNVPDYLMYSTVSGSEKNSKIYCPTIDLYNWTAPLEWFKN CQALQGSRYRAHKSFLVIDNVMTEDAGDYTCKFIHNENGANYSVTATRSFTVKDEQGFSLFPVIGA PAQNEIKEVEIGKNANLTCSACFGKGTQFLAAVLWQLNGTKITDFGEPRIQQEEGQNQSFSNGLA CLDMVLRIADVKEEDLLLQYDCLALNLHGLRRHTVRLSRKNPIDHHS
Host	Viruses
Theoretical MW (kDa)	36
Form	Liquid

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Preparation Method	Baculovirus expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	ED_{50} is < 10 ng/mL, measured by the ability to inhibit proliferation using D10.G4.1 mouse helper T cells with Human IL-33.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline 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.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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, and 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 receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq
Other Designations	OTTHUMP00000161342|growth stimulation-expressed|homolog of mouse growth stimulation-expressed|interleukin 1 receptor-related protein

Disease

- Arthritis
- Asthma
- Bronchial Hyperreactivity
- Chronic Disease
- Disease Progression
- Genetic Predisposition to Disease
- Hepatitis C
- Hypersensitivity
- Intervertebral Disk Displacement
- Myocardial Infarction
- Nasal Polyps
- Obesity
- Occupational Diseases
- Osteoarthritis
- Rhinitis
- Sinusitis
- Viremia
- Yellow Fever

Copyright © 2023 Abnova Corporation. All Rights Reserved.