

IL18R1 (Human) Recombinant protein

Catalog # P8787

Size 2 x 10 ug

Specification

Product Description	Human IL18R1 (Q13478, 19 a.a. - 329 a.a) partial recombinant protein with hlgG-His tag at C-terminal expressed in Sf9 cells.
Sequence	AESCTSRPHI TVVEGEPFYL KHCSCSLAHE IETTTKSWYK SSGSQEHVEL NPRSSSRIAL HDC VLEFWPV ELNDTGSYFF QMKNYQKWK LNVIRRNKHS CFTERQVTSK MEVKKFFQI TCENSYY QTL VNSTSLYKNC KKLLLENNKN PTIKKNAEFE DQGYSCVHF LHHNGKLFNI TKTFNITVE DR SNIVPVLL GPKLNHVAVE LGKNVRLNCS ALLNEEDVIY WMFGEENGSD PNIHEEKEMR IMTPE GKWHA SKVLRIENIG ESNLNVLYNC TVASTGGTDT KSFILVRKAD MADIPGHVFT RVEPKSCDK THTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REP QVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSK LTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH
Host	insect
Theoretical MW (kDa)	62.7
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purity	> 90% by SDS-PAGE.
Storage Buffer	In PBS, pH 7.4 and 10% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL18R1

Entrez GeneID	8809
Protein Accession#	Q13478
Gene Name	IL18R1
Gene Alias	CD218a, CDw218a, IL-1Rrp, IL18RA, IL1RRP
Gene Description	interleukin 18 receptor 1
Omim ID	604494
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. [provided by RefSeq]
Other Designations	IL1 receptor-related protein OTTHUMP00000161340 cytokine receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Intervertebral Disk Displacement](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Measles](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Pneumoconiosis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)