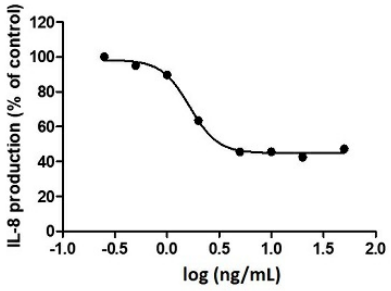
Bioactive

IL36RN (Human) Recombinant Protein

Catalog # P7859 Size 20 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human IL36RN recombinant protein with polyhistidine tag at the C-terminus expressed in *Escherichia coli*.
Sequence	MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWLDASLSPVILGVQGGS QCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLT SSFESAAYPGWFLCTVPEADQ PVRLTQLPENGGWNAPITDFYFQQCD with polyhistidine tag at the C-terminus.
Host	Escherichia coli
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	Ni-NTA chromatography
Purity	> 98% as determined by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Activity	ED_{50} < 2 ng/mL in the presence of 500 ng/mL of recombinant human IL-36 gamma, measured by the ability to inhibit IL-36 gamma-induced IL-8 secretion in PBMC cells.

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Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH_2O to 100 ug/mL.
Storage Instruction	Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at-20°C to -80°C. Th is product is stable for one year. Avoid repeated freeze/thaw cycles.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL36RN

Entrez GeneID	26525
Gene Name	IL36RN
Gene Alias	UNQ1896/PRO4342, FIL1, FIL1(DELTA), FIL1D, IL1F5, IL1HY1, IL1L1, IL1RP3, IL36RA, PSOR P
Gene Description	interleukin 36 receptor antagonist
Omim ID	605507
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine w as shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, memb er 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. [provided by RefSeq
Other Designations	IL-1 related protein 3; IL-1F5 (IL-1HY1, FIL1-delta, IL-1RP3, IL-1L1, IL-1-delta); IL-1ra homolog 1; I L1F5 (Canonical product IL-1F5a); family of interleukin 1-delta; interleukin 1 family, member 5 (del ta); interleukin-1 HY1; interleukin-1 receptor antago

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Disease

- Arthritis
- Brain Ischemia
- Cardiovascular Diseases
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Myocardial Infarction
- Spondylitis
- Stroke
- Tobacco Use Disorder

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