

Recombinant human IL-36Ra/IL36RN protein

Catalog Number: ATGP2819

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-155aa

UniProt No.

Q9UBH0

NCBI Accession No.

NP_036407

Alternative Names

Interleukin-36 receptor antagonist protein, FIL1 delta, IL-1-related protein 3, IL-1RP3, Interleukin-1 HY1, IL-1HY1, Interleukin-1 delta, IL-1 delta, Interleukin-1 family member 5, IL-1F5, Interleukin-1 receptor antagonist homolog 1, IL-1ra homolog 1, Interleukin-1-like protein 1, IL-1L1, FIL1D, IL1F5, IL1HY1, IL1L1, IL1RP3

PRODUCT SPECIFICATION

Molecular Weight

19.1 kDa (175aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

IL36RN 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

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1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding the same protein have been reported. Recombinant human IL36RN protein, fused to His-tag at N-terminus, was expressed in *E. coli* and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MVLSGALCFR MKDSALKVLY LHNNQLLAGG LHAGKVIKGE EISVVPNRWL DASLSPVILG
VQGSQCLSC GVGQEPTLTL EPVNIMELYL GAKESKSFTF YRRDMGLTSS FESAAYPGWF LCTVPEADQP VRLTQLPENG
GWNAPITDFY FQQCD

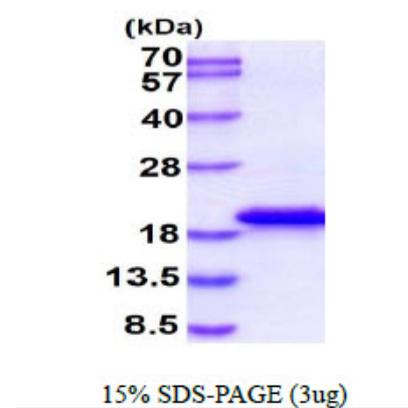
General References

Barton J.L., et al. (2000) *Eur. J. Immunol.* 30:3299-3308

Bazan J.F., et al. (2001) *J. Immunol.* 167:1440-1446

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.