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

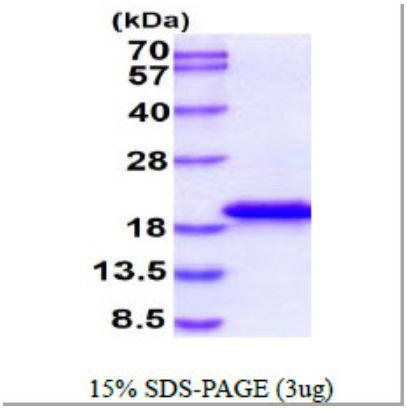
MGSSHHHHHH SSGLVPRGSH MVLSGALCFR MKDSALKVLY LHNNQLLAGG LHAGKVIKGE EISVVPNRWL DASLSPVILG VQGGSQCLSC GVGQEPTLTL EPVNIMELYL GAKESKSFTF YRRDMGLTSS FESAAYPGWF LCTVPEADQP VRLTQLPENG GWNAPITDFY FQQCD

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.