

IL36RN, 1-155aa, Human, His tag, E.coli

Cat.NO.: TP02642

3th Edition

Synonyms: Interleukin 36 receptor antagonist, FIL1, FIL1(DELTA), FIL1D, IL1F5, IL1HY1, IL1L1, IL1RP3, IL36RA, PSORP

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 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.

Form: Liquid. In Phosphate buffered saline (pH7.4), 10% glycerol

Molecular Weight: 19.1 kDa (175aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEESVVPNRWLDASLS
PVILGVQGGSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTVPEADQPV
RLTQLPENGGWNAIPITDFYFQQCD

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.