

Recombinant human IL-10R beta/IL10RB protein

Catalog Number: ATGP3664

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

20-220aa

UniProt No.

Q08334

NCBI Accession No.

NP_000619

Alternative Names

Interleukin 10 receptor subunit beta, IL-10 receptor subunit beta, IL-10R subunit beta, Cytokine receptor class-II member 4, Cytokine receptor family 2 member 4, CRF2-4, Interleukin-10 receptor subunit 2, IL-10R subunit 2, IL-10R2, CDw210b, CRFB4, D21S58, D21S66

PRODUCT SPECIFICATION

Molecular Weight

50.5 kDa (440aa)

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

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

Purity

> 95% by SDS-PAGE

Endotoxin level

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

Tag

hIgG-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

IL10RB, also known as interleukin-10 receptor subunit beta, is a transmembrane glycoprotein that functions as a co-receptor for several class 2 cytokines including Interleukins-10, -22, -26, -28A/IFN-lambda 2, -28B/IFN-lambda

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3, and -29/IFN-lambda. Co-expression of this and IL10RA proteins has been shown to be required for IL10-induced signal transduction. Recombinant human IL10RB protein, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

MVPPPENVRM NSVNFKNILQ WESPAFAKGN LTFTAQYLSY RIFQDKCMNT TLTECDFSSL SKYGDHTLRV RAEFADHSD
WVNITFCPVD DTIIGPPGMQ VEVLADSLHM RFLAPKIENE YETWTMKNVY NSWTYNVQYW KNGTDEKFQI TPQYDFEVL
NLEPWTTYCV QVRGFLPDRN KAGEWSEPVC EQTTHDETVP S<LEPKSCDKT HTCPCPAPE LLGGPSVFLF PPKPKDTLMI
SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNATKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE
KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD
KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH>

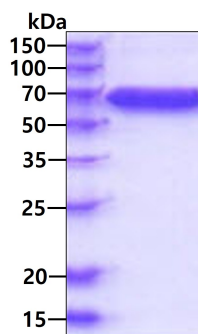
General References

Khare V., et al, (2015) Cancer Immunol Res. 3:1227-1235.

Spencer SD., et al, (1998) J. Exp. Med. 187: 571-578.

DATA

SDS-PAGE



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