

Recombinant human IL-13R alpha 2/IL13RA2 protein

Catalog Number: ATGP3640

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

27-343aa

UniProt No.

Q14627

NCBI Accession No.

NP_000631.1

Alternative Names

Interleukin 13 receptor subunit alpha 2, IL-13 receptor subunit alpha-2, IL-13R subunit alpha-2, IL-13R-alpha-2, Interleukin-13-binding protein, CD213a2, IL13R, IL13BP, cancer/testis antigen 19, CT19

PRODUCT SPECIFICATION

Molecular Weight

64.3 kDa (559aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

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

Purity

> 85% 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

IL13RA2, also known as interleukin-13 receptor subunit alpha-2, is a membrane bound protein that in humans is encoded by the IL13RA2 gene. It is able to regulate the effects of both IL13 and IL14, despite the fact it is unable to bind directly to the latter. Also, this protein plays an important role in the Th2-polarized immune responses

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characteristic of a variety of pathologies, including parasitic infection and allergic asthma. Recombinant human IL13RA2, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

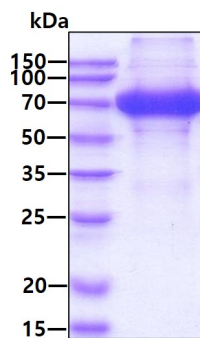
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SDIAVEWESN GQPENNYKTT PPVLDSGGSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTQKSLSL S PGKHHHHHHH>

General References

Caput D., et al, (1996) J. Biol. Chem. 271:16921-16926.
Donaldson DD., et al, (1998) J. Immunol. 161:2317-2324.

DATA

SDS-PAGE



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