Recombinant human CRLF2 protein

Catalog Number: ATGP2022

PRODUCT INFORMATION

Expression system
E.coli

Domain
23-231aa

UniProt No.
Q9HC73

NCBI Accession No.
NP_071431

Alternative Names
Cytokine receptor-like factor 2 isoform 1 precursor, CRL2, CRLF2Y, TSLPR, Cytokine receptor-like factor 2 isoform 1, CRLF2, Cytokine receptor-like 2, ILXR, Thymic stromal lymphopoietin protein receptor, TSLP receptor

PRODUCT SPECIFICATION

Molecular Weight
26.6 kDa (232aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M uREA, 10% glycerol

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE, Denatured

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
CRLF2 is a receptor for thymic stromal lymphopoietin (TSLP). Together with the interleukin 7 receptor (IL7R), the protein and TSLP activate STAT3, STAT5, and JAK2 pathways, which control processes such as cell proliferation and development of the hematopoietic system. Two transcript variants encoding different isoforms have been found for this gene. Recombinant human CRLF2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

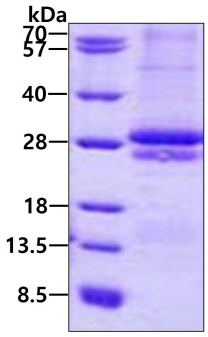
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General References

Chen,I.M., et al. (2012) Blood 119 (15), 3512-3522
Haslam,K., et al. (2011) Int J Lab Hematol 33 (6), E17-E19

DATA

SDS-PAGE



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