

CRLF2, 23-231aa, Human, His tag, E.coli

Cat.NO.: TP01715

3th Edition

Synonyms:Cytokine receptor-like factor 2 isoform 1 precursor, CRL2, CRLF2Y, TSLPR

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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Molecular Weight:26.6 kDa (232aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSQGGAAEGVQIQIIFNLETVQVTWNASKYSRTNLTFHYRFNGDEAYDQCTN
YLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRWMVYYLKPSSPKHVRFVSWHQDAVTVTCSDSLSDLLYE
VQYRSPFDTEWQSKQENTCNVTIEGLDAEKCYFWVRVKAMEDVYGPDTYPSDWSEVTCWQRGEIRDACAETPT
PPKPKLSK

Purity:> 95% by HPLC

Concentration:1 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.