

Recombinant Human CRLF1, GST-tagged

Cat. No. CRLF1-319H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRLF1 encoding Human CRLF1 full-length ORF (NP_004741.1, 1 aa - 422 aa), fused with GST-tag at N-terminal, was expressed in Wheat germ.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the cytokine type I receptor family. The protein forms a secreted complex with cardiotrophin-like cytokine factor 1 and acts on cells expressing ciliary neurotrophic factor receptors. The complex can promote survival of neuronal cells. Mutations in this gene result in Crisponi syndrome and cold-induced sweating syndrome.
Molecular Mass	72.7 kDa
AA Sequence	MPAGRRGPAAQSARRPPPLLPLLLLLCVLGAPRAGSGAHTAVIS PQDPTLLIGSSLLA TCSVHGDPPGATAEGLYWTLNGRRLPELSRVLNASTLALALANLNGSRQRSGDNL VCHARDGSILAGSCLYVGLPPEKPVNISCWSKNMKDLTCRWTPGAHGETFLHTNYS LKYKLRWYGQDNTCEEYHTVGPHSCHIPKDLALFTPYEIWVEATNRLGSARSDVLT DILDVVTDDPPPDVHVS RVGGLEDQLSVRWVSPPAL KDFLFQAKYQIRYRVEDSVD WKVVDDVSNQTSCRLAGLKPGTVYFVQVRCNPFGIYGSKKAGIWSEWSHPTAAST PRSERPGPGGGACEPRGGEPSSGPVRRELKQFLGWLKKHAYCSNLSFRLYDQWR AWMQKSHKTRNQDEGILPSGRRGTARGPAR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

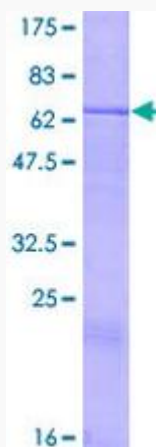
 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	WB; ELISA
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CRLF1 cytokine receptor-like factor 1 [Homo sapiens]
Official Symbol	CRLF1
Synonyms	CRLF1; cytokine receptor-like factor 1; CISS; CISS1; CLF; CLF 1; cold induced sweating syndrome; cytokine-like factor 1; class I cytokine receptor; cytokine type 1 receptor CRLP-1; NR6; CLF-1; zcytor5;
Gene ID	9244
mRNA Refseq	NM_004750
Protein Refseq	NP_004741
MIM	604237
UniProt ID	O75462
Chromosome Location	19p12
Function	contributes_to ciliary neurotrophic factor receptor binding; contributes_to cytokine activity; cytokine binding; protein binding; protein heterodimerization activity; receptor activity;

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