

## Active Recombinant Human CRLF1&CLCF1

**Cat. No.** CRLF1&CLCF1-1036H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CRLF1&CLCF1 (Accession # O75462 (CLF-1) & Q9UBD9 (CLC)), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ala38 (CLF-1) & Leu28 (CLC)
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells transfected with human CNTF R alpha. The ED50 for this effect is typically 0.5 - 3.5 ng/mL.
<b>Molecular Mass</b>	Recombinant Human CRLF1&CLCF1 has a calculated MW of 44.5 kDa (CLF-1) & 23 kDa (CLC). In SDS-PAGE migrates as 50-65 kDa (CLF-1) & 28-30 kDa (CLC), reducing conditions.
<b>Purity</b>	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 200 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** [CRLF1 cytokine receptor-like factor 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** CRLF1

**Synonyms** CLF; NR6; CISS; CISS1; CLF-1; zcytor5; cytokine receptor-like factor 1; cytokine receptor-like factor 1; class I cytokine receptor; cytokine type 1 receptor CRLP-1; cytokine-like factor 1

**Gene ID** [9244](#)

**mRNA Refseq** [NM\\_004750.4](#)

**Protein Refseq** [NP\\_004741](#)

**MIM** [604237](#)

**UniProt ID** O75462

**Chromosome Location** 19p12

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