Active Recombinant Human CRLF1&CLCF1

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

SPECIFICATION

Product Overview	Recombinant Human CRLF1&CLCF1 (Accession # O75462 (CLF-1) & Q9UBD9 (CLC)), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ala38 (CLF-1) & Leu28 (CLC)
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	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.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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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