

Recombinant Human CRLF1, Fc-tagged

Cat. No. CRLF1-2145H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human CLCF1 (NP_037378.1)(Leu28-Phe225) was expressed with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	Human Cells
Description	Cytokine receptor-like factor 1 is a protein that in humans is encoded by the CRLF1 gene. CRLF1 is a novel soluble protein and shares homology with members of the cytokine type I receptor family.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human CLCF1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 458 amino acids and has a predicted molecular mass of 50.7 kDa. The apparent molecular mass of the protein is approximately 54 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

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

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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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