

Recombinant Human CRLF1 protein, His & GST-tagged

Cat. No. CRLF1-1428H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRLF1 aa. (Pro138~Arg422 (Accession # O75462) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro138~Arg422
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 62.2kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.2.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CRLF1 cytokine receptor like factor 1 [Homo sapiens (human)]
Official Symbol	CRLF1
Synonyms	CRLF1; cytokine receptor like factor 1; CLF; NR6; CISS; CISS1; CLF-1; zcytor5; 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_004741.1

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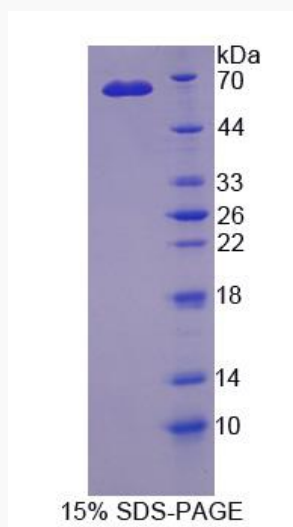
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UniProt ID

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SDS-PAGE

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