



# Recombinant Human Cytokine receptor-like factor 1 (CRLF1)

<b>Product Code</b>	CSB-MP005982HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O75462
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AHT AVISPQDPTL LIGSSLLATC SVHGDPPGAT AEGLYWTLNG RRLPPELSRV LNA STLALAL ANLNGSRQRS GDNLVCHARD GSILAGSCLY VGLPPEKPVN ISCWSKNMKD LTCRWTPGAH GETFLHTNYS LKYKLRWYQG DNTCEEYHTV GPHSCHIPKD LALFTPYEIW VEATNRLGSA RSDVLTLDIL DVVTTDPPPD VHVS RVGGLE DQLSVRWVSP PALKDFLFQA KYQIRYRVED SVDWKVDDV SNQTSCRLAG LKPGTVYFVQ VRCNPFGIYG SKKAGIWSEW SHPTAASTPR SERPGPGGGA CEPRGGEPSS GPVRRELKQF LGWLKKHAYC SNLSFRLYDQ WRAWMQKSHK TRNQDEGILP SGRRGTARGP AR
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CRLF1
<b>Protein Names</b>	Recommended name: Cytokine receptor-like factor 1 Alternative name(s): Cytokine-like factor 1 Short name= CLF-1 ZcytoR5
<b>Expression Region</b>	38-422
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.