

Recombinant Human CRLF3 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50217

Size: 10ug, 100ug

Protein Name: Cytokine receptor-like factor 3 (Cytokine receptor-like molecule 9) (CREME-9) (Cytokine receptor-related protein 4) (Type I cytokine receptor-like factor p48)

Synonym: CRLF3, CREME9, CRLM9, CYTOR4, P48

UniProt ID: Q8IUI8

UniProt Link: www.uniprot.org/uniprotkb/Q8IUI8/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 442 AA

Molecular Weight: 50 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MRGAMELEPELLLLQEARENVEAAQSYRRELGHRLEGLREARRQIKESASQTRDVLKQHFNDLKGT
LKLLDERLVTLLQEVDITIEQETIKPLDDCQKLIHGVNTAEDLVREGEIAMLGGVGEENEKLWSFTKK
ASHIQLDSLPEVPLLVDVPCLSAQLDDSLNIVKDHIFKHGTVASRPPVQIEELIEKPGGIIVRWCKVDD
DFTAQDYRLQFRKCTSNHFEDVYVGSETEFIVLHIDPNVDYQFRVCARGDGRQEWSPWSVPQIGH
SLVPHWEWTAGFEGYSLSSRRNIALRNDSESSGVLYSRPTYFCGQTLTFRVETVGQPDRRDSIGVC
AEKQDGYDSLQRDQAVCISTNGAVFVNGKEMTNQLPAVTSGSTVTFDIEAVTLGTTSNNEGGHFKL
RVTISSNNREVVFDWLLDQSCGSLYFGCSFFYPGWKVLVF

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant Cytokine receptor-like factor 3 (Cytokine receptor-like molecule 9) (CREME-9) (Cytokine receptor-related protein 4) (Type I cytokine receptor-like factor p48) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: May play a role in the negative regulation of cell cycle progression.

Subcellular Localization: Cytoplasm . Note=The EGFP- and MYC-tagged protein has been shown to be cytoplasmic.

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.