Recombinant CRLF3 protein (His tag)

Catalog Number	545369
Synonyms	Cytokine receptor-like molecule 9; CREME-9; Cytokine receptor-related protein 4; Type I cytokine receptor-like factor p48
Species	Human
Expression System	E. coli
Accession	Q8IUI8
Molecular Weight	Predictes a molecular mass of 51.43 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 56 kDa band.

Product Information

Sequence Region	1-442
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 1-442 aa (Q8IUI8) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human Cytokine receptor-like factor 3 (CRLF3) Fragment (aa 1-442) – a high-purity protein designed for studying the Fibronectin type-III domain. This fragment is an essential tool for investigating the protein's role in cell cycle regulation and cytoplasmic signaling pathways. Cytokine receptor-like factor 3 (CRLF3), also known as Cytokine receptor-like molecule 9 or CREME-9, is implicated in the negative regulation of cell cycle progression, as supported by experimental evidence (PubMed:19427400). The protein localizes to the cytoplasm, where it may modulate intracellular signaling processes. The provided fragment spans the full-length Fibronectin type-III domain (aa 181-274), enabling focused research on domain-specific functions and interactions within cellular regulatory mechanisms.