
Product Data Sheet

Product Name: C1QTNF4 Human

Cat. No.: GP22932

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C1q and Tumor Necrosis Factor Related Protein 4; CTRP4; Complement-C1q Tumor Necrosis Factor-Related Protein 4; Complement C1q Tumor Necrosis Factor-Related Protein 4; ZACRP4; C1QTNF4.		
Amino Acid Sequence	LGPTPGPGSS ELRSAFSAAR TTPLEGTSEM AVTFDKVYVN IGGDFDVATG QFRRCRVPGAY FFSFTAGKAP HKLSVMLVR NRDEVQALAF DEQRRPGARR AASQSAMLQL DYGDTVWRLR HGAPQYALGA PGATFSGYLV YADADADAPA RGPPAPPEPR SAFSAARTRS LVGSDAGPGP RHQPLAFDTE FVNIGGDFDA AAGVFRCLRP GAYFFSFTLG KLPRKTLVK LMKNRDEVQA MIYDDGASRR REMQSQSVML ALRRGDAVWL LSHDHDGYGA YSNHGKYITF SGFLVYPLA PAAPPGLGAS ELL HHHHHH.		
Formulation	C1QTNF4 filtered (0.4µm) solution at a concentration of 0.25mg/ml in phosphate buffered saline.		

Introduction

C1QTNF4 serves as a pro-inflammatory cytokine, which induces the activation of NF-kappa-B signaling pathway and up-regulates IL6 production.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

C1QTNF4 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Leu17-Leu329) containing a total of 319 amino acids, having a calculated molecular mass of 34.5kDa and fused to a 6 aa His tag at C-Terminus.

Caution: Product has not been fully validated for medical applications. For research use only.

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