

Human C1QTNF7 Recombinant Protein



RPPB2945

Product Information Protein Information

Product SKU:

RPPB2945

Accession:

Q9BXJ2

Host:

Escherichia Coli.

Protein description:

C1QTNF7 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 283 amino acids and having a molecular mass of 30.22 kDa. The protein contains an extra 10 amino acid His tag at N-terminus. The C1QTNF7 amino acid sequence is identical to UniProtKB/Swiss-Prot entry Q9BXJ2 amino acids 17–289. The C1QTNF7 is purified by proprietary chromatographic techniques.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CTRP7, C1QTNF7, ZACRP7, Complement C1q tumor necrosis factor-related protein 7.

Formulation:

Human C1QTNF7 was filtered (0.4µm) and lyophilized from a 0.5mg/ml solution containing 30mM Acetate Buffer, pH-4 and 5% (w/v) trehalose.

Purity:

Greater than 95% as determined by SDS PAGE.

Solubility:

Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS QPRGNQLKGE NYSPRYICSI PGLPGPPPPP GANGSPGPHG RIGLPGRDGR DGRKGEKGEK
GTAGLRGKTG PLGLAGEKGD QGETGKKGPI GPEGEKGEVG PIGPPGPKGD RGEQGDPLP GVCRCGSIVL
KSAFVGIT SYPEERLPII FNKVLNENE HYNPATGKFI CAFPGIYFYS YDITLANKHL AIGLVHNGQY
RIKTFDANTG NHDVASGSTV IYLQPEDEVW LEIFFTDQNG LFSDPGWADS LFSGFLLYVD TDYLDLSDDEL.