



Product Datasheet

Product Name	Complement C1q Tumor Necrosis Factor-Related Protein 6 Human Recombinant
Cata No	CB501511
Source	<i>Escherichia Coli.</i>
Synonyms	CTRP6, C1QTNF6, ZACRP6, Complement C1q tumor necrosis factor-related protein 6.

Description

C1QTNF6 is a collagen type-IV specific for basement membranes. C1QTNF6 is vital for embryonic development.

C1QTNF6 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 242 amino acids and having a molecular mass of 27 kDa. The protein contains an extra His tag at N-terminus. The C1QTNF6 amino acid sequence is identical to UniProtKB/Swiss-Prot entry Q9BXI9 amino acids 29–259.

The C1QTNF6 is purified by proprietary chromatographic techniques.

Purity

Greater than 95% as determined by SDS PAGE.

Formulation

Human C1QTNF6 was lyophilized from 50mM Acetate Buffer pH-4.

Reconstitution

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. The lyophilized protein remains stable until the expiry date when stored at -20°C.

Sequence

MKHHHHHHAS TFDRAVASGC QRCCDSEDPL
DPAHVSSASS SGRPHALPEI RPYINITILK
GDKGDPGPMG LPGYMGREGP QGEPGPQGSK
GDKGEMGSPG APCQKRFFAF SVGRKTALHS
GEDFQTLLE RVFVNLGCF DMATGQFAAP
LRGIYFFSLN VHSWNYKETY VHIMHNQKEA
VILYAQPSE SIMQSQSVML DLAYGDRVVV
RLFQRQRENA IYSNDFDTYI TFSGHLIKAEDD.