

Human CTF1 Recombinant Protein



RPPB0140

Product Information Protein Information

Product SKU:

RPPB0140

Accession:

Q16619

Host:

Escherichia Coli.

Protein description:

The Cardiotoxin His-Tagged Fusion Protein Human, produced in E. coli, is 22.5 kDa protein containing 200 amino acid residues of the human Cardiotoxin and 12 additional amino acid residues – His Tag (underlined).

Synonyms:

CTF1, CT1, CT-1, Cardiotoxin 1.

Formulation:

CTF1 was filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH-4.

Purity:

Purity of CTF1 Human Recombinant is greater than 90% as determined by SDS-PAGE.

Solubility:

It is recommended to add 0.1M Acetate buffer pH-4 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. Protein 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:

MRGSHHHHHH GSSRREGSLE DPQTDSSVSL LPHLEAKIRQ THSLAHLTK YAEQLLQEYV
QLQGDPFGLPSFPPRLPVA GLSAPAPSHA GLPVHERLRL DAAALAALPP LLDVAVCRQA ELNPRAPRL
RRLEDAARQA RALGAAVEAL LAALGAANRG PRAEPPAATA SAASATGVFP AKVLGLRVCG LYREWLSRTE
GDLGQLPVG SA.