

Mouse CTF1 Recombinant Protein



RPPB0141

Product Information Protein Information

Product SKU:

RPPB0141

Accession:

Q60753

Host:

Escherichia Coli.

Protein description:

CTF1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 202 amino acids and having a molecular mass of 21.3kDa. The CTF1 Mouse is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CTF1, CT1, CT-1, Cardiophin 1.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 98.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CTF1 in sterile 4mM HCl to a concentration of 0.1-0.5 mg/ml. Stock solutions should be apportioned into working aliquots and stored at <-200C. Further dilutions should be made in appropriate buffered solutions.

Stability:

Lyophilized CTF1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CTF1 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

SQREGSLEDH QTDSSISFLP HLEAKIRQTH NLARLLTKYA EQLLEEVVQQ QGEPFGLPGF SPPRLPLAGL
SGPAPSHAGL PVSERLRQDA AALSVPALL DAVRRRQAEI NPRAPRLLRS LEDAARQVRA LGAAVETVLA
ALGAAARGPG PEPVTVATLF TANSTAGIFS AKVLGFHVCG LYGEWVSRTE GDLGQLVPPG VA

Biological Activity:

The ED50 as determined by the dose-dependent proliferation of TF-1 cells was < 1.0ng/ml, corresponding to a specific activity of > 1,000,000units/mg.