

Recombinant human CIAPIN1 protein

Catalog Number: ATGP1930

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-312aa

UniProt No.

Q6FI81

NCBI Accession No.

NP_064709

Alternative Names

Anamorsin, DRE2, PRO0915

PRODUCT SPECIFICATION

Molecular Weight

36 kDa (335aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Anamorsin, also known as CIAPIN1, is primarily expressed in the cytoplasm of liver, pancreas and heart tissue cells and does not show any homology to known apoptosis regulatory molecules of the Bcl-2 or CASP families, or to signal transduction molecules. Expression of CIAPIN1 is dependent on growth factor stimulation. It is a ubiquitously expressed protein, and when it is overexpressed, it confers apoptotic resistance. Recombinant human CIAPIN1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

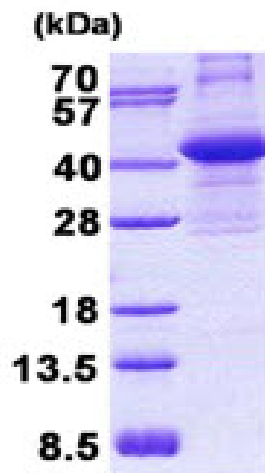
MGSSHHHHHHH SSGLVPRGSH MGSMADFGIS AGQFVAVVWD KSSPVEALKG LVDKLQALTG NEGRVSVENI KQLLQSAHKE
SSFDIILSGL VPGSTTLHSA EILAEIARIL RPPGGCLFLKE PVETAVDNNS KVKTASKLCS ALTL SGLVEV KELQREPLTP
EEVQSVREHL GHESDNLLFV QITGKKPNFE VGSSRQLKLS ITKKSSPSVK PAVDPAAAKL WTL SANDMED DSMDLIDSDE
LLDPEDLKKP DPASLRAASC GEGKKRKACK NCTCGLAEEL EKEKSREQMS SQPKSACGNC YLGDAFRCAS CPYLGMPAFK
PGEKVLLSDS NLHDA

General References

Shibayama H., et al. (2011) Am J Hum Genet. 88(5):608-15.
Hao Z., et al. (2005) Hybridoma. 24:141-145.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)