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CIAPIN1 Human

Catalog #:PRPS-031

For research use only.

Description:CIAPIN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 335 amino acids (1-312 a.a.) and having a molecular mass of 36kDa.CIAPIN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:DRE2, PRO0915, Anamorsin, Cytokine-induced apoptosis inhibitor 1, Fe-S cluster assembly protein DRE2 homolog, CIAPIN1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMADFGIS AGQFVAVVWD KSSPVEALKG LVDKLQALTG NEGRVSVENI KQLLQSAHKE SSFDIILSGL VPGSTTLHSA EILAEIARIL RPGGCLFLKE PVETAVDNNS KVKTASKLCS ALTLSGLVEV KELQREPLTP EEVQSVREHL GHESDNLLFV QITGKKPNFE VGSSRQLKLS ITKKSSPSVK PAVDPAAAKL WTLSANDMED DS

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
CIAPIN1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Anamorsin, (CIAPIN) is a member of anamorsin family. CIAPIN mainly 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. CIAPIN1 Expression is reliant on growth factor stimulation. It is a ubiquitously expressed protein, and when it is overexpressed, it grants apoptotic resistance.

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