

## 32-5126: Recombinant Human TP53 Regulated Inhibitor Of Apoptosis 1

**Alternative Name :** TP53 Regulated Inhibitor of Apoptosis 1, P53-Inducible Cell-Survival Factor, Mitochondrial Distribution And Morphology 35 Homolog, Protein 15E1.1, MDM35, WF-1, p53CSV, HSPC132.

### Description

Source : Escherichia Coli. TRIAP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 99 amino acids (1-76 a.a) and having a molecular mass of 11.2kDa. TRIAP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TRIAP1 has a p53-binding site in its second exon. TRIAP1 expression is reduced by small interfering RNA enhanced apoptosis, while overexpression of TRIAP1 protects cells from apoptosis triggered by DNA damage. TRIAP1 is highly induced when cells have low levels of genotoxic stresses, but not when DNA damage is severe. TRIAP1 is able to control apoptotic pathways by interacting with Hsp70 which inhibits activity of apoptosis protease activating factor-1.

### Product Info

|                            |                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Amount :</b>            | 20 µg                                                                                                                                                                                                                              |
| <b>Purification :</b>      | "Greater than 90.0% as determined by SDS-PAGE."                                                                                                                                                                                    |
| <b>Content :</b>           | TRIAP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.                                                                                                                     |
| <b>Storage condition :</b> | 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). Please avoid freeze thaw cycles. |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MGSMNSVGEA CTDMKREYDQ CFNRWFAEKF LKGDSSGDPC<br>TDLFKRYQQC VQKAIKEKEI PIEGLEFMGH GKEKPENSS                                                                                                                    |

