

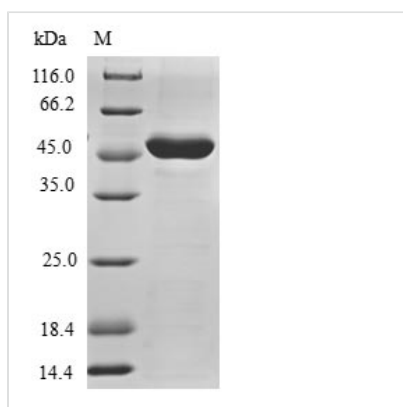


Recombinant Human TP53-regulated inhibitor of apoptosis 1 (TRIAP1)

Product Code	CSB-EP024443HU
Relevance	Involved in the modulation of the mitochondrial apoptotic pathway by ensuring the accumulation of cardiolipin (CL) in mitochondrial membranes. In vitro, the TRIAP1:PRELID1 complex mediates the transfer of phosphatidic acid (PA) between liposomes and probably functions as a PA transporter across the mitochondrion intermembrane space to provide PA for CL synthesis in the inner membrane. Likewise, the TRIAP1:PRELID3A complex mediates the transfer of phosphatidic acid (PA) between liposomes (in vitro) and probably functions as a PA transporter across the mitochondrion intermembrane space (in vivo). Mediates cell survival by inhibiting activation of caspase-9 which prevents induction of apoptosis
Abbreviation	Recombinant Human TRIAP1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O43715
Alias	Protein 15E1.1 WF-1 p53-inducible cell-survival factor
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MNSVGGEACTDMKREYDQCFNRWFAEKFLKGDSSGDPCTDLFKRYQQCVQK AIKEKEIPIEGLEFMGHGKEKPENSS
Research Area	Cell Biology
Source	E.coli
Target Names	TRIAP1
Protein Names	Recommended name: TP53-regulated inhibitor of apoptosis 1 Alternative name(s): Protein 15E1.1 WF-1 p53-inducible cell-survival factor Short name= p53CSV
Expression Region	1-76aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	35.8kDa
Protein Length	Full Length



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.