
Product Data Sheet

Product Name: TRIAP1 Human
 Cat. No.: GP24879
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMNSVGEA CTDMKREYDQ CFNRWFAEKF LKGDSSGDPC TDLFKRYQQC VQKAIKEKEI PIEGLEFMGH GKEKPENSS		
Formulation	TRIAP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.		

Introduction

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.

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). Please avoid freeze thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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