

Recombinant Full Length Human TIPARP Protein, GST-tagged

Cat. No. TIPARP-6797HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human TIPARP Protein is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	166 amino acids
Description	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It is found among several proteins that bind directly to retinoblastoma protein, which regulates cell proliferation. This protein complexes with transcriptional co-repressor CTBP. It is also associated with BRCA1 and is thought to modulate the functions of BRCA1 in transcriptional regulation, DNA repair, and/or cell cycle checkpoint control. It is suggested that this gene may itself be a tumor suppressor acting in the same pathway as BRCA1. Three transcript variants encoding two different isoforms have been found for this gene. More transcript variants exist, but their full-length natures have not been determined.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	98.67 kDa
AA Sequence	MEMETTEPEPDCVVQPPSPDDFSCQMRLSEKITPLKTCFKKKDQKRLGTGTLRSL RPILNTLLESGSLDGVFRSRNQSTDENSLHEPMMKKAMEINSSCPAENNMSVLIPD

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RTNVGDQIPEAHPSTEAPERVVPIQDHSFPSETLSGTVADSTPAHFQTDLLHPVSSD
 VPTSPDCLDKVIDYVPGIFQENSFTIQYILDTSCLKSTELFQDKSEEASLDLVFELVNNQ
 LQYHTHQENGIEICMDFLQGTCIYGRDCLKHHTVLPYHWQIKRTTTQKWQSVFNDS
 QEHLERFYCNPENDRMRMKYGGQEFWADLNAMNVYETTEFDQLRRLSTPPSSNV
 NSIYHTVWKFFCRDHFGWREYPESVIRLIEEANSRGLKEVRFMMWNNHYILHNSFF
 RREIKRRPLFRSCFILLPYLQTLGGVPTQAPPPLEATSSSQIICPDGVTSANFYPETW
 VYMHPSQDFIQVPVSAEDKSYRIIYNLFHKTVPFEKYRILQILRVQNQFLWEKYKRKK
 EYMNRMFGRDRIINERHLFHGTSQDQVVDGICKHNFDPRVCGKHATMFGQGSYFA
 KKASYSHNFSKKSSKGVHFMFLAKVLTGRYTMGSHGMRRPPPVPNGSVTSDLYDS
 CVDNFFEPQIFVIFNDDQSYYPYFVIQYEEVSNTVSI

Applications Enzyme-linked Immunoabsorbent Assay;
 Western Blot (Recombinant protein);
 Antibody Production;
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name TIPARP TCDD-inducible poly(ADP-ribose) polymerase [Homo sapiens]

Official Symbol TIPARP

Synonyms TIPARP; DF1; DKFZP434J214; DKFZp686N0351; PARP 1; PARP 7; PARP7;
 pART14; RM1; FLJ40466; DKFZp434J214; DKFZp686P1838;

Gene ID 25976

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mRNA Refseq	NM_001184717
Protein Refseq	NP_001171646
MIM	612480
UniProt ID	Q7Z3E1

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