



[Go to Product page](#)

Datasheet for ABIN1323380

p53 Protein (AA 1-393) (GST tag)

1 Image

3 Publications

Overview

Quantity:	10 µg
Target:	p53 (TP53)
Protein Characteristics:	AA 1-393
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This p53 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	TP53 (Human) Recombinant Protein (P02)
Sequence:	<p>MEEPQSDPSV EPPLSQETFS DLWKLLPENN VLSPLPSQAM DDLMLSPDDI EQWFTEDPGP DEAPRMPEAA PRVAPAPAAP TPAAPAPAPS WPLSSSVPSQ KTYQGSYGFR LGFLHSGTAK SVTCTYSPAL NKMFCQLAKT CPVQLWVDST PPPGTRVRAM AIYKQSQHMT EVVRRCPHHE RCSDSDGLAP PQHLIRVEGN LRVEYLDDRN TFRHSWVVPY EPPEVGS DCT TIHNYMCNS SCMGMNRRP ILTIITLED SGNLLGRNSF EVRVCACAGR DRRTEENLR KKGEPHHELP PGSTKRALPN NTSSSPQPK KPLDGEYFTL QIRGRERFEM FRELNEALEL KDAQAGKEPG GSRAHSSH LK SKKGQSTSRH KKL MFKTEGP DSD</p>
Characteristics:	Human TP53 full-length ORF (AAH03596, 1 a.a. - 393 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	p53 (TP53)
Alternative Name:	TP53 (TP53 Products)
Background:	Full Gene Name: tumor protein p53 Synonyms: FLJ92943,LFS1,TRP53,p53
Gene ID:	7157
Pathways:	p53 Signaling , MAPK Signaling , PI3K-Akt Signaling , Apoptosis , AMPK Signaling , Chromatin Binding , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Hepatitis C , Protein targeting to Nucleus , Autophagy , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Zhang, Zhong, Chen: "LC-MS/MS-based targeted proteomics quantitatively detects the interaction between p53 and MDM2 in breast cancer." in: Journal of proteomics , Vol. 152, pp. 172-180, (2016) (PubMed).
	Lacombe, Mangé, Bougnoux, Prassas, Solassol: "A multiparametric serum marker panel as a complementary test to mammography for the diagnosis of node-negative early-stage breast cancer and DCIS in young women." in: Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology , Vol. 23, Issue 9, pp. 1834-42, (2014) (PubMed).

Huang, Jeong, Okamura, Sook-Kim, Zhu, Guerrero-Preston, Ratovitski: "Global tumor protein p53/p63 interactome: making a case for cisplatin chemoresistance." in: **Cell cycle (Georgetown, Tex.)**, Vol. 11, Issue 12, pp. 2367-79, (2012) ([PubMed](#)).

Images

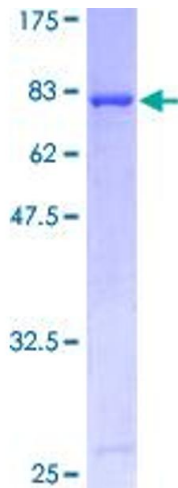


Image 1.