

Datasheet for ABIN624091

TCP1 alpha/CCTA Protein (full length)[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	TCP1 alpha/CCTA (TCP1)
Protein Characteristics:	full length
Origin:	Human
Host:	Please inquire
Protein Type:	Recombinant
Application:	Western Blotting (WB), ELISA, Blocking Antibody (Inhibition)

Product Details

Characteristics:	Recombinant Human p63
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Target Details

Target:	TCP1 alpha/CCTA (TCP1)
Alternative Name:	p63 (TCP1 Products)
Background:	<p>P63 Human Recombinant (aa 319-410) expressed in E.coli, shows a 36 kDa band on SDS-PAGE. The p63 is purified by proprietary chromatographic techniques. Introduction: The p63 gene, a homologue of the tumor-suppressor p53, is highly expressed in the basal or progenitor layers of many epithelial tissues. The p63 gene belongs to p53 family of transcription factors. P63 shows remarkable structural similarity to p53 and to the related p73 gene. Alternative splicing and using alternative promoters results in multiple transcript variants encoding different proteins. Numerous transcripts encoding different proteins were found but the biological validity and the full-length nature of these variants have not been determined. Unlike</p>

Target Details

p53, the p63 gene encodes multiple isotypes with remarkably divergent abilities to transactivate p53 reporter genes and induce apoptosis. p63 is associated with ectrodactyly-ectodermal dysplasia-cleft syndrome and Hay-Wells syndrome. p63 immunostaining is useful for differentiating prostatic adenocarcinoma (the most common type of prostate cancer) and benign prostatic tissue, normal prostatic glands stain with p63 (since they have basal cells), while the malignant glands in prostatic adenocarcinoma (which lacks these cells) do not.

Synonyms: Tumor protein 63, p63, Transformation-related protein 63, TP63, Tumor protein p73-like, p73L, p51, p40, Keratinocyte transcription factor KET, Chronic ulcerative stomatitis protein, CUSP, KET, P73H, TP73L, AIS, LMS, NBP, RHS, EEC3, OFC8, SHFM4, TP53L, p53CP, TP53CP, B(p51A), B(p51B).

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	p63 in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Storage:	-20 °C