

## Datasheet for ABIN6700599 **p63 Protein (GST tag)**



[Go to Product page](#)

### Overview

Quantity:	20 µg
Target:	p63 (TP63)
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This p63 protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	p63 recombinant protein-GST fusion protein
Purification:	Full-length recombinant human p63 was expressed by baculovirus in Sf9 cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >90% by densitometry.
Purity:	>90%

### Target Details

Target:	p63 (TP63)
Alternative Name:	TP63 ( <a href="#">TP63 Products</a> )
Background:	Synonyms: TP63, AIS, B, p51A, B, p51B, EEC3, KET, LMS, NBP, OFC8, p40, p51, p53CP, p73H, p73L, RHS, SHFM4, TP53CP, TP53L, TP73L, Tumor protein 63, p63, Chronic ulcerative stomatitis protein, CUSP, Keratinocyte transcription factor KET, Transformation-related protein

## Target Details

---

63, TP63, Tumor protein p73-like, p73L, p40, p51

Background: p63 is the primordial member of the p53 family that acts in a conserved process of monitoring the integrity of the female germline, whereas the functions of p53 are restricted to vertebrate somatic cells for tumor suppression. p63 protein plays an important role in the development and maintenance of stratified epithelial tissues (1). p63 is critical for maintaining the progenitor-cell populations that are necessary to sustain epithelial development and morphogenesis (2). Mutations in p63 are associated with ectodermal dysplasia, cleft lip/palate syndrome 3 (EEC3) and split-hand/foot malformation 4 (SHFM4). p63 Protein is ideal for investigators involved in Signaling Proteins, Cell Cycle Proteins, Apoptosis/Autophagy, Cancer, Cardiovascular Disease, Cell Cycle, Cellular Stress, Inflammation, JNK/SAPK Pathway, Metabolic Disorder, Neurobiology, and p38 Pathway research.

---

NCBI Accession: [NM\\_001114980](#)

## Application Details

---

Application Notes: Western\_Blot\_Dilution: User Optimized  
Other: Kinase Assay-User Optimized  
Application\_Note: p63 Protein is suitable for use in Western Blot and Kinase Assay. Expect a band approximately ~92 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 0.2 µg/µL

Buffer: p63 Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

---

Expiry Date: 12 months