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# Product datasheet for TP710041

## p63 (TP63) (NM_003722) Human Recombinant Protein

### Product data:

| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Recombinant protein of human tumor protein p63 (TP63), transcript variant 1, with C-terminal DDK tag,expressed in sf9 cells. |
| **Species:** | Human |
| **Expression Host:** | Sf9 |
| **Expression cDNA Clone or AA Sequence:** | A DNA sequence from TrueORF clone, RC208013, encoding human full-length TP63 |
| **Tag:** | C-DDK |
| **Predicted MW:** | 77 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | 50 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol |
| **Note:** | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| **Storage:** | Store at -80°C. |
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **RefSeq:** | NP_003713 |
| **Locus ID:** | 8626 |
| **UniProt ID:** | Q9H3D4 |
| **RefSeq Size:** | 4927 |
| **Cytogenetics:** | 3q28 |
| **RefSeq ORF:** | 2040 |
| **Synonyms:** | AIS; B(p51A); B(p51B); EEC3; KET; LMS; NBP; OFC8; p40; p51; p53CP; p63; p73H; p73L; RHS; SHFM4; TP53CP; TP53L; TP73L |

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**Summary:** This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include an N-terminal transactivation domain, a central DNA-binding domain and an oligomerization domain. Alternative splicing of this gene and the use of alternative promoters results in multiple transcript variants encoding different isoforms that vary in their functional properties. These isoforms function during skin development and maintenance, adult stem/progenitor cell regulation, heart development and premature aging. Some isoforms have been found to protect the germline by eliminating oocytes or testicular germ cells that have suffered DNA damage. Mutations in this gene are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3 (EEC3); split-hand/foot malformation 4 (SHFM4); ankyloblepharon-ectodermal defects-cleft lip/palate; ADULT syndrome (acro-dermato-ungual-lacrimal-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. [provided by RefSeq, Aug 2016]

**Protein Families:** Druggable Genome, Transcription Factors

## Product images: