

## Product datasheet for PH308013

### p63 (TP63) (NM\_003722) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TP63 MS Standard C13 and N15-labeled recombinant protein (NP_003713)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208013
Predicted MW:	76.8 kDa
Protein Sequence:	>RC208013 protein sequence Red=Cloning site Green=Tags(s)

MNFETSRCATLQYCPDPYIQRVFETPAHFWSKESYYRSTMSQSTQTNEFLSPEVFQHIWDFLEQPICSVQ  
PIDLNFVDEPSEDGATNKIEISMDCIRMQSDSLSDPMWPQYTNLGLLNSMDQQIQNGSSSTSPYNTDHAQ  
NSVTAPSPYAQPSSTFDALSPSPAIPSNTDYPGPHSFDVSFQQSSTAKSATWTYSTELKKLYCQIAKTC  
IQIKVMTPPPQGA VIRAMPVYKKA EHVTEVVKRCPNHEL SREFNEGQIAPPSHLIRVEGNASHAQYVEDPI  
TGRQSVLVPYEPQVGTTEFTTVLYNFMCNSSCVGGMNRRLIIIVTLETRDQVLRRCFEARICACPGR  
DRKADEDSIRKQQVSDSTKNGDGTKRPFQNTHTGIQMTSIKKRRSPDDELLYLPVRGRETYEMLLIKES  
LELMQYLPQHTIETYRQQQQQHLLKQKTSIQSPSSYGNSPPLNKMNSMKNLPSVSQILNPQQRNAL  
TPTTIPDGMGANIPMMGTHMPMAGDMNGLSPTQALPPPLSMPSTSHCTPPPPYPTDCSIVSFLARLGCSS  
CLDYFTTQGLTTIYQIEHYSMDDLASLKIPEQFRHAIWKGILDHRQLHEFSPPSHLLRTPSSASTVSVGS  
SETRGERVIDAVRFTLRQTSISFPPRDEWDFNFMDARRNKQQRKEEGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

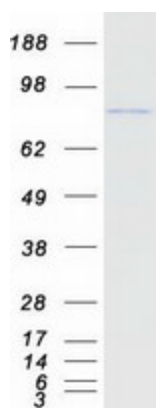
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_003713</a></u>
RefSeq Size:	4927



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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
Locus ID:	8626
UniProt ID:	<a href="#">Q9H3D4</a> , <a href="#">A0A0S2Z4N5</a>
Cytogenetics:	3q28
Summary:	<p>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 (acrodermato-ungual-lacrimal-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. [provided by RefSeq, Aug 2016]</p>
Protein Families:	Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified TP63 protein (Cat# [TP308013]). The protein was produced from HEK293T cells transfected with TP63 cDNA clone (Cat# [RC208013]) using MegaTran 2.0 (Cat# [TT210002]).