

Recombinant Human TP73 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TP73-4281H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TP73 MS Standard C13 and N15-labeled recombinant protein (NP_005418) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined.
Molecular Mass	69.4 kDa
AA Sequence	MAQSTATSPDGGTTFEHLWSSLEPDSTYFDLPQSSRGNNNEVGGTDSSMDVFHLE GMTTSVMAQFNLLSSTMDQMSSRAASAPYTPEHAASVPTHSPYAQPSSFTDMS PAPVIPSNTDYPGPHHFEVTFQQSSTAKSATWTYSPLLKKLYCQIAKTCPIQIKVSTP PPPGTAIRAMPVYKKAHVTDVVKRCPNHELGRDFNEGQSAPASHLIRVEGNNLSQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

YVDDPVTGRQSVVVPYEPPQVGTEFTTILYNFMCNSSCVGGMNRRPILIIITLEM RDG
 QVLGRRSFEGRICACPGDRKADHDHYREQQALNESSAKNGAASKRAFKQSPPAV
 PALGAGVKKRRHGEDDTYYLQVRGRENFEILMKLKESLELMELVPQPLVDSYRQQQ
 QLLQRPSHLQPPSYGPVLSPMNKVHGGMNKLP SVNQLVGQPPPHSSAATPNLGPV
 GPGMLNNHGHAVPANGEMSSSSHAQSMVSGSHCTPPPPYHADPSLVSFLTGLGC
 PNCIEYFTSQGLQSIYHLQNLTIEDLGALKIPEQYRMTIWRGLQDLKQGHDYSTAQQL
 LRSSNAATISIGGSGELQRQRVMEAVHFRVRHTITIPNRGGPGGGPDEWADFGFDL
 PDCKARKQPIKEEFTEAEIHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TP73 tumor protein p73 [Homo sapiens (human)]
Official Symbol	TP73
Synonyms	TP73; tumor protein p73; P73; p53-related protein; p53-like transcription factor;
Gene ID	7161
mRNA Refseq	NM_005427

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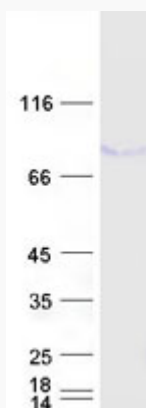
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Protein Refseq NP_005418

MIM 601990

UniProt ID O15350

SDS-PAGE



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