

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

Cat. No. TP73-6327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TP73 MS Standard C13 and N15-labeled recombinant protein (NP_001119714) 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	47.5 kDa
AA Sequence	MLYVGDPARHLATAQFNLLSSTMDQMSSRAASAPYTPEHAASVPTHSPYAQPSST FDTMSPAPVIPSNTDYPGPHHFEVTFQQSSTAKSATWTYSPLLKKLYCQIAKTCPIQI KVSTPPPPGTAIRAMPVYKKAHVTDVVKRCPNHELGRDFNEGQSAPASHLIRVEG NNLSQYVDDPVTGRQSVVVPYEPPQVGTEFTTILYNFMCNSSCVGGMNRRPILIIITL

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EMRDGQVLGRRSFEGRICACPGDRKADHDHYREQQALNESSAKNGAASKRAFK
 QSPPAVPALGAGVKKRRHGDEDTYYLQVRGRENFEILMKLKESLELMELVPQPLVD
 SYRQQQQLLQRPPrDAQQPWPRSASQRRDEQQPQRPVHGLGVPLHSATPLPRRP
 QPRQFFNRIGVSKLHRVFHLPRVTEHLPPAEPDHTTRPLEQKLISEEDLAANDILDY
 KDDDDKV

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_001126242

Protein Refseq NP_001119714

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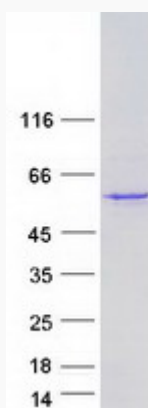
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MIM 601990

UniProt ID O15350

SDS-PAGE



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