

Product datasheet for **TP509197**

Trp73 (NM_001126330) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transformation related protein 73 (Trp73), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209197 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLYVGDPMRHLATAQFNLLSSAMDQMGSRAPASPYTPEHAASAPTHSPYAQPSSTFDTMSPAPVIPSNT DYPGPHHFVTFQSSSTAKSATWTYSPLLKLYCQIAKTCPIQIKVSTPPPGTAIRAMPVYKKAHVTD IVKRCPNHELGRDFNEGQSAPASHLIRVEGNNLAQYVDDPVTGRQSVVWPYEPQVGTFTTILYNFMCN SSCVGGMNRRPILVIITLSTRDQVLGRRSFEGRICACPRDRKADEDHYREQQALNESTTKNGAASKRA FKQSPPAIPALGTNVKRRHGDEDMFYMHVGRGRENFEILMKVKESLELMELVPQPLVDSYRQQQQQLLQ RPSHLQPPSYGPLSPMNKVHGGVNLPSVNLVGGQPPPHSSAAGPNLGPMSGMLNSHGHSMANGEMN GGHSSQTMVSGSHCTPPPPYHADPSLVSFLTGLGCPNCIECFTSQGLQSIYHLQNLTIEDLGALKVPDQY RMTIWRGLQDLKQSHDCGQQLLRSSSNAATISIGGSGELQRQRVMEAVHFRVRHTITIPNRGGAGAVTGP DEWADFGFDLPDCKSRKQPIKEEFTETESH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	64.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001119802](#)

Locus ID: 22062

UniProt ID: [Q9JJP2](#), [Q9D6A3](#)

RefSeq Size: 4756

Cytogenetics: 4 83.79 cM

RefSeq ORF: 1773

Synonyms: delta; deltaNp73; p7; p73; TAp; TAp73; Tp73

Summary: This gene encodes tumor protein p73, which is a member of the p53 family of transcription factors involved in cellular responses to stress and development. The family members include p53, p63, and p73 and have high sequence similarity to one another, which allows p63 and p73 to transactivate p53-responsive genes causing cell cycle arrest and apoptosis. The family members can interact with each other in many ways involving direct or indirect protein interactions, resulting in regulation of the same target gene promoters or regulation of each other's promoters. The p73 protein is expressed at very low levels in normal tissues and is differentially expressed in a number of tumors. The p73 gene expresses at least 35 mRNA variants due to the use of alternate promoters, alternate translation initiation sites, and multiple splice variations. Theoretically this can account for 29 different p73 isoforms; however, the biological validity and the full-length nature of most variants have not been determined. [provided by RefSeq, Jul 2008]