

Product datasheet for TP524711

Trim50 (NM_178240) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tripartite motif-containing 50 (Trim50), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224711 representing NM_178240 Red =Cloning site Green =Tags(s)

MAWRLTVPELQDQLQCPICLEVFKEPLMLQCGHSYCKDCLDNLSQHLDSELCCPVCRQSVDCSSSPPNVS
LARVIDALRLPGDIEPTVCVHHRNPLSLFCEKDQEFICGLCGLLGSHQHHRVTPVSTVYSRMKEELAGRI
SELKEEHRNVEEHIGKLVNNRTRIINESDVFSWVIRREFQELHHLVDEEKARCLEGLGHRGLVASLDM
QLEQAQGTQERLAQAEQVLEQFGNESHHEFIRFHSVASRAEVQQARPLEGVFSPISFKPALHQADIKLTV
WKRLFRKVLPPASLKLDPATAHPLLELSKGNTVVHCGLLAQRASQPERFDYSTCVLASKGFSWGRHYW
EVVVGSKSDWRLGVIKGTASRKGLNKSPHEGWWLIGLKEGRVYEAFGCPRLPLPVAGHPHRIGVYLHYE
QGELTFDADRPPDRLTLTYFQADFQGKLYPILDTCWHERGSNSLPMVLPPPSGPGHFTLGQV

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	55.1 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.
RefSeq:	NP_839971
Locus ID:	215061



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UniProt ID: [Q810I2](#)

RefSeq Size: 1452

Cytogenetics: 5 G2

RefSeq ORF: 1449

Summary: E3 ubiquitin-protein ligase that ubiquitinates Beclin-1/BECN1 in a 'Lys-63'-dependent manner enhancing its binding to ULK1. In turn, promotes starvation-induced autophagy activation. Interacts also with p62/SQSTM1 protein and thereby induces the formation and the autophagy clearance of aggresome-associated polyubiquitinated proteins through HDAC6 interaction.[UniProtKB/Swiss-Prot Function]