

Product datasheet for TP307081M

TDRD3 (NM_030794) Human Recombinant Protein

Product data:

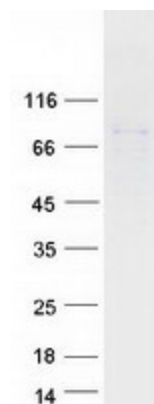
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tudor domain containing 3 (TDRD3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207081 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLRLQMTDGHISCTAVEFSYMSKISLNTPPGTVKVLKSGIVDIKNGFLLNDSNTTVLGGEVEHLIEKWEL QRSLSKHNRSNIGTEGGPPPFVPGQKCVSHVQVDSRELDRRKTLQVTMPVKPTNDNDEFKQRTAAIAE VAKSKETKTFGGGGGGARSNLNMNAAGNRNREVLQKEKSTKSEKHEGVYRELVDEKALKHITEMGFSKE ASRQALMDNGNLEAALNVLLTSNKQKPVMPPLRGRGKGRGRIRSEDEEDLGNARPSAPSTLFDLFLESK MGTLNVEEPKSQPQQLHQGQYRSSNTEQNGVKDNNHLRHPPRNDTRQPRNEKPPRFQRDSQNSKSVLEGS GLPRNRGSERPSTSSVSEVWAEDRIKCDRYPYSRYDRTKDTSYPLGSQHSDGAFKKRDNSMQSRSGKGPSF AEAKENPLPQGSVDYNNQKRGKRESQTSIPDYFYDRKSQTINNEAFSGIKIEKHFVNNTDYQNPVRSNSF IGVPNGEVEMPLKGRRIPIKAGPVTAVPCDDKIFYNSGPKRRSGPIKPEKILESSIPMEYAKMWKPGD ECFALYWEDNKFYRAEVEALHSSGMTAVVKFIDYGNYYEVLVLSNIKPIQTEAWEEEGTYDQTLFRRGGD GQPRRSTRPTQQFYQPPRARN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	73 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_110421
Locus ID:	81550
UniProt ID:	Q9H7E2 , A0A024QZE0
RefSeq Size:	3029
Cytogenetics:	13q21.2
RefSeq ORF:	1953
Summary:	Scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. In nucleus, acts as a coactivator: recognizes and binds asymmetric dimethylation on the core histone tails associated with transcriptional activation (H3R17me2a and H4R3me2a) and recruits proteins at these arginine-methylated loci. In cytoplasm, may play a role in the assembly and/or disassembly of mRNA stress granules and in the regulation of translation of target mRNAs by binding Arg/Gly-rich motifs (GAR) in dimethylarginine-containing proteins.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified TDRD3 protein (Cat# [TP307081]). The protein was produced from HEK293T cells transfected with TDRD3 cDNA clone (Cat# [RC207081]) using MegaTran 2.0 (Cat# [TT210002]).