

Product datasheet for TP307081

TDRD3 (NM_030794) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human tudor domain containing 3 (TDRD3), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC207081 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MLRLQMTDGHISCTAVEFSYMSKISLNTPPGTVKVLKSGIVDIKNGFLLNDSNTTVLGGEVEHLIEKWEL
QRSLSKHNRSNIGTEGGPPPFVPGQKCVSHVQVDSRELDRRKTLQVTMPVKPTNDNDEFKQRTAAIAE
VAKSKETKTFGGGGGGARSNLNMNAAGNRNREVLQKEKSTKSEKHEGVYRELVDEKALKHITEMGFSKE
ASRQALMDNGNLEAALNVLLTSNKQKPVMPPLRGRGKGRGRIRSEDEEDLGNARPSAPSTLFDLFLESK
MGTLNVEEPKSQPQQLHQGQYRSSNTEQNGVKDNNHLRHPPRNDTRQPRNEKPPRFQRDSQNSKSVLEGS
GLPRNRGSERPSTSSVSEVWAEDRIKCDRYPYSRYDRTKDTSYPLGSQHSDGAFKKRDNSMQSRSGKGPSF
AEAKENPLPQGSVDYNNQKRGKRESQTSIPDYFYDRKSQTINNEAFSGIKIEKHFVNNTDYQNPVRSNSF
IGVPNGEVEMPLKGRRIGPIKAGPVAVPCDDKIFYNISGPKRRSGPIKPEKILESSIPMEYAKMWKPGD
ECFALYWEDNKFYRAEVEALHSSGMTAVVKFIDYGNVEEVLLSNIKPIQTEAWEEEGTYDQTLFRRGGD
GQPRRSTRPTQQFYQPPRARN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

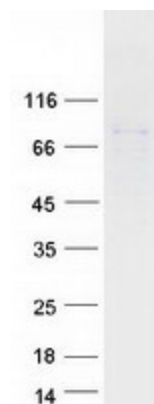
Storage: Store at -80°C.



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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]).