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Product datasheet for TP323325L

TDRD6 (NM_001010870) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens tudor domain containing 6 (TDRD6), 1 mg
Species:	Human
Expression Host:	HEK293T

View online »

Expression cDNA Clone or AA Sequence:

>RC223325 representing NM_001010870
Red=Cloning site Green=Tags(s)

MCSTPGMPAPGASLALRVSFVDVHPDVIPVQLWGLVGERRGEYLRLSREIQEAAATRGQWALGSASASPG
ELCLVQVGLLWHRCRVVSRQAQESRVFLLDEGRTITAGAGSLAPGRREFFNLPSEVLGCVLAGLVPAGCG
AGSGEPPQHWPADAVDFLSNLQGKEVHGCVLDVLLLHRLVLLEVPDVFQQMRELGLARRVPDSLFRSLLE
RYLTAATASVGSGVPVLSRVPLKQKQPGLDYFYPQLQLGVTEAVVITQVCHPHRIHCQLRSVSQEIHRLS
ESMAQVYRGSTGTGDENSTSATWEEREESPDKPGSPCASCGLDGHWYRALLLETFRPQRCAQVLHVDYG
R
KELVSCSSLRYLLPEYFRMPVVTYPCALYGLWDGGRGWSRSQVGDLKTLILGKAVNAKIEFYCSFEHVYY
VSLYGEDGINLNRVFGVQSCCLADRVLQSQATEEEEPETSQSQSPAEEVDEEISLPALRSIRLKMNAFYD
AQVEFVKNPSEFWIRLRKHNVTFSKLMRRMCGFYSSASKLDGVVLKPEPDDLCCVKWKENGYYRAIVTKL
DDKSVDVFLVDRGNSENVDWYDVRMLLPQFRQLPILAVKCTLADIWPLGKTWSQEAVSFFKKTVLHKELV
IHILDKQDHQYVIEILDESRTGEENISKVIAQAGYAKYQEFETKENILVNAHSPGHVSNHFTTESNKIPF
AKTGEGEQKAKRENKTTSVSKALSDTTVVTNGSTELVVQEKVKRASVYFPLMQNCLEIKPGSSSKGELEV
GSTVEVRVSYVENPGYFWCQLTRNIQGLKTLMSDIQYYCKNTAAPHQRNTLACLAKRTVNRQWSRALISG
IQSVEHVNVTFVDYGDREMVSVKNIYSISEEFLKVKAQAFRCSLYNLIQPVGQNPFVWDVKAIQAFNEFI
DNAWQKNLELKCTIFALASINEELFNIVDLLTPFQSACHFLVEKRLARPVKLQKPLESSVQLHSYFYSTH
DMKIGSEELVYITHIDDPWTFYCQLARNANILEQLSCSITQLSKVLLNLKTSPLNPGTLCLAKYTDGNWY
RGIVIEKEPKKVFFVDFGNIYVVTSDDLLPIPSDAYDVLLLPMQAVRCSLSDIPDHIPEEVVVWFQETIL
DKSLKALVVAKDPDGTLIIELYGDNIQISASINKKLGLLSYKDRIRKKESEVLCSTTETLEEKNENMKLP
CTEYLSKSVGYKLPNKEILEESYKPQINSSYKELKLLQSLTKTNLVTQYQDSVGNKNSQVFPLTTEKKEE
ISAETPLKTARVEATLSERKIGDSCDKDLPLKFCEFPQKTIMPGFKTTVYVSHINDLSDFYVQLIEDEAE
ISHLSERLNSVKTRPEYYVGPPLQRGDMICAVFPEDNLWYRAVIKEQQPNDLLSVQFIDYGNVSVVHTNK
IGRLDLVNAILPGLCIHCSLQGFEVPDNKNSKKMMHYFSQRTSEAAIRCEFVKFQDRWEVILADEHGIIA
DDMISRYALSEKSQVELSTQVIKSASSKSVNKSDIDTSVFLNWYNPEKKMIRAYATVIDGPEYFWCQFAD
TEKLQCLEVEVQTAGEQVADRRNCIPCPYIGDPCIVRYREDGHYYRALITNICEDYLVSVRLVDFGNIED
CVDPKALWAIPSELLSVPMQAFPCCLSGFNISEGLCSQEGNDYFYEIITEDVLEITILEIRRDVCDIPLA
IVDLKSKGKSINEKMEKYSKTGIKSALPYENIDSEIKQTLGSYNLDVGLKKLSNKAVQNKIYMEQQTDEL
AEITEKDVNIIGTKPSNFRDPKTDNICEGFENPCKDKIDTEELEGELECHLVDKAEFDDKYLITGFNTLL
PHANETKEILELNSLEVPLSPDDESKEFLELESIELQNSLVVDEEKGELSPVPPNVPLSQECVTKGAMEL
FTLQLPLSCEAEKQPELELPTAQLPLDDKMDPLSLGVSQKAQESMCTEDMRKSSCVESFDDQRRMSLHL
H
GADCDPKTQNEMNICEEEFVEYKNRDAISALMPLFSEEESSDGSKHNNGLPDHISAQLQNTYTLKAFTVG
SKCVVWSSLRNTWSKCEILETAEEGTRVLNLSNGMEEIVNPENVWNGIPKLDKSPPEKRGLEVMEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

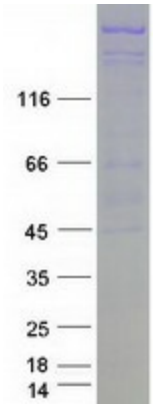
Predicted MW: 236.3 kDa

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.
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_001010870
Locus ID:	221400
UniProt ID:	O60522
RefSeq Size:	6817
Cytogenetics:	6p12.3
RefSeq ORF:	6288
Synonyms:	bA446F17.4; CT41.2; NY-CO-45; SPATA36; TDR2
Summary:	This gene encodes a tudor domain-containing protein and component of the chromatoid body, a type of ribonucleoprotein granule present in male germ cells. Studies in rodents have demonstrated a role for the encoded protein in spermiogenesis and the nonsense mediated decay (NMD) pathway. This protein is a major autoantigen in human patients with autoimmune polyendocrine syndrome type 1 (APS1). [provided by RefSeq, Oct 2016]

Product images:



Coomassie blue staining of purified TDRD6 protein (Cat# [TP323325]). The protein was produced from HEK293T cells transfected with TDRD6 cDNA clone (Cat# [RC223325]) using MegaTran 2.0 (Cat# [TT210002]).