

Product datasheet for PH323325

TDRD6 (NM_001010870) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TDRD6 MS Standard C13 and N15-labeled recombinant protein (NP_001010870)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223325
Predicted MW:	236.3 kDa



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

MCSTPGMPAPGASLALRVSFVDVHPDVIPVQLWGLVGERRGEYLRLSREIQEAAATRQWALGSASASPG
 ELCLVQVGLLWHRCRVVSRQAQESRVFLLDEGRTITAGAGSLAPGRREFNLPSEVLGCVLAGLVPAGCG
 AGSGEPPQHWPAADAVDFLSNLQGEVHGCYLDVLLHRLVLEVPDVFQQMRELGLARRVPDSLFRSLLE
 RYLTAATASVSGSVPVLSRVPLKQKQPGLDYFYPLQLGVTEAVVITQVCHPHRIHCQLRSVSQEIHRLS
 ESMAQVYRGSTGTGDENSTSATWEEREESPDKPGSPCASCGLDGHWYRALLLETFRPQRCAQVLHVDYGR
 KELVSCSSRLRYLLPEYFRMPVVVTPCALYGLWDGGRGWSRSQVGLKTLILGKAVNAKIEFYCSFEHVYY
 VSLYGEDGINLRVFGVQSCCLADRVLQSQAEEEEEPETSQSQSPAEEVDDEISLPALRSIRLKMNAFYD
 AQVEFVKNPSEFWIRLRKHNVTFSKLMRRMCGFYSSASKLDGVVLKPEPDDLCCVKWKENGYYRAIVTKL
 DDKSVDVFLVDRGNSENVWDYVRMLLPQFRQLPILAVKCTLADIWPLGKTWSQEAVSFFKKTVLHKELV
 IHILDKQDHQYVIEILDESRTGEENISKVIAQAGYAKYQEFETKENILVNAHSPGHVSNHFTTESNKP
 AKTGEQEKAKRENKTTSVSKALSDTTVTNGSTELVVQEKVKRASVYFPLMQNCLEIKPGSSSKGELEV
 GSTVEVRVSYVENPGYFWCQLTRNIQGLKTLMSDIQYCKNTAAPHQNTLACLAKRTVNRQWSRALISG
 IQSVEHVNVTVDYGDREMVSVKNIYSISEEFLKVKAAQAFRCSLYNLIQPVGQNPFWVDVKAIQAFNEFI
 DNAWQKNLELKTIFALASINEELFNIVDLLTPFQSACHFLVEKRLARPVKLQKPLESSVQLHSFYSTH
 DMKIGSEELVYITHIDDPWTFYQCLARNANILEQLSCSITQLSKVLLNLKTSPLNPGTLCLAKYTDGNWY
 RGIVIEKEPKKVFVDFGNIVVTSDDLPIPSDAYDVLLLPMAVRCSLSDIPDHIPEEVVWFQETIL
 DKSLKALVVAKDPDGTLLIELYDNIQISASINKKLGLLSYKDIRKKESEVLCSTTETLEEKENNMKL
 CTEYLSKSVGYKLPNKEILEESYKPKINSSYKELKLLQSLTKTNLVTQYQDSVGNKNSQVFLTTEKKEE
 ISAETPLKTARVEATLSERKIGDSCDKDLPLKFCEFPQKTIMPGFKTTVYVSHINDLSDFYVQLIEDEAE
 ISHLSERLNSVKTRPEYVYGPPLQRGDMICAVFPEDNLWYRAVIKEQQPNDLLSVQFIDYGNVSVVHTNK
 IGRDLVNAILPGLCIHCSLQGFVDPDNKNSKMMHYFSQRTSEAAIRCEFKFQDRWEVILADEHGIIA
 DDMISRYALSEKSQVELSTQVIKSASSKSVNKSIDTSSVFLNWNPEKKMIRAYATVIDGPEYFWCQFAD
 TEKLQCLEVEVQTAGEQVADRRNCIPCPYIGDPCIVRYREDGHYYRALITNICEDYLVSVRLVDFGNIED
 CVDPKALWAIPSELLSVPMAFPCCLSGFNISEGLCSQEGNDYFYEIITEDVLEITILEIRRDVCDIPLA
 IVDLKSQKGSINEKMEKYSKTGIKSALPYENIDSEIKQTLGSYNLDVGLKKLSNKAQVQNKIYMEQQTDEL
 AEITEKDVNIIGTKPSNFRDPKTDNICEGFENPCKDKIDTEELEGELECHLVDKAEFDDKYLITGFNTLL
 PHANETKEILELNSLEVPLSPDDESKEFLELESIELQNSLVVDEEKGELSPVPPNVPLSQECVTKGAMEL
 FTLQLPLSCEAEKQPELELPTAQLPLDDKMDPLSLGVSQKAQESMCTEDMRKSSCVESFDDQRRMSLHLH
 GADCDPKTQNMNICEEEFVEYKNRDAISALMPLFSEEESSDGSKHNNGLPDHISAQLQNTYTLKAFVTG
 SKCVVWSSLRNTWSKCEILETAEEGTRVLNLSNGMEEIVNPENVWNGIPKLDKSPPEKRGLEVMEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: >0.05 µg/µL as determined by microplate BCA method

Labeling Method: Labeled with [U- ¹³C₆, ¹⁵N₄]-L-Arginine and [U- ¹³C₆, ¹⁵N₂]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP_001010870

RefSeq Size: 6817

RefSeq ORF: 6288

Synonyms: bA446F17.4; CT41.2; NY-CO-45; SPATA36; TDR2

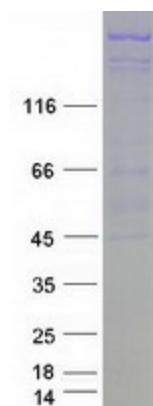
Locus ID: 221400

UniProt ID: O60522

Cytogenetics: 6p12.3

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]).