Recombinant Human TDRD6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TDRD6-2786H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TDRD6 MS Standard C13 and N15-labeled recombinant protein (NP_001010870) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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).
Molecular Mass	236.3 kDa
AA Sequence	MCSTPGMPAPGASLALRVSFVDVHPDVIPVQLWGLVGERRGEYLRLSREIQEAAAT RGQWALGSASASPGELCLVQVGLLWHRCRVVSRQAQESRVFLLDEGRTITAGAGS LAPGRREFFNLPSEVLGCVLAGLVPAGCGAGSGEPPQHWPADAVDFLSNLQGKEV HGCVLDVLLLHRLVLLEVPDVFQQMRELGLARRVPDSLFRSLLERYLTAATASVGSG VPVLSRVPLKQKQPGLDYFYPQLQLGVTEAVVITQVCHPHRIHCQLRSVSQEIHRLS ESMAQVYRGSTGTGDENSTSATWEEREESPDKPGSPCASCGLDGHWYRALLLETF RPQRCAQVLHVDYGRKELVSCSSLRYLLPEYFRMPVVTYPCALYGLWDGGRGWSR

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SQVGDLKTLILGKAVNAKIEFYCSFEHVYYVSLYGEDGINLNRVFGVQSCCLADRVL
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	DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TDRD6 tudor domain containing 6 [Homo sapiens (human)]
Official Symbol	TDRD6
Synonyms	TDRD6; tudor domain containing 6; tudor domain-containing protein 6; bA446F17.4; cancer/testis antigen 41.2; CT41.2; NY CO 45; tudor repeat 2; antigen NY-CO-45; TDR2; NY-CO-45; FLJ43850; DKFZp781I1148;
Gene ID	221400
mRNA Refseq	NM_001010870
Protein Refseq	NP_001010870
MIM	611200

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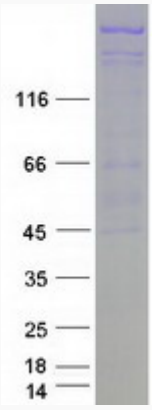
UniProt ID	O60522
SDS-PAGE	

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