Recombinant Mouse Tent4a Protein (Ser2-Arg542), N-His tagged

Cat. No. Tent4a-6812M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Tent4a (Ser2-Arg542) fused with the N-terminal His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser2-Arg542
Description	Predicted to enable guanylyltransferase activity and polynucleotide adenylyltransferase activity. Predicted to be involved in RNA 3' uridylation; regulation of mRNA stability; and response to xenobiotic stimulus. Predicted to act upstream of or within mRNA processing. Predicted to be located in Golgi apparatus; nuclear membrane; and nucleoplasm. Predicted to be part of TRAMP complex. Predicted to be active in nucleolus. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and musculoskeletal system. Orthologous to human TENT4A (terminal nucleotidyltransferase 4A).
Form	Lyophilized powder
Molecular Mass	60.51 kDa
Purity	> 90 % as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Shipping	They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Tent4a terminal nucleotidyltransferase 4A [Mus musculus (house mouse)]
Official Symbol	Tent4a
Synonyms	TENT4A; terminal nucleotidyltransferase 4A; LAK1; POLK; POLS; TRF4; LAK-1; PAPD7; TRF41; TRF4-1; TUTASE5; terminal nucleotidyltransferase 4A; DNA polymerase sigma; PAP associated domain containing 7; PAP-associated domain-containing protein 7; TRAMP-like complex polyadenylate polymerase; non-canonical poly (A) RNA polymerase PAPD7; polymerase (DNA directed) sigma; terminal guanylyltransferase; EC 2.7.7.19
Gene ID	210106
mRNA Refseq	NM_198600
Protein Refseq	NP_941002
UniProt ID	Q6PB75

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