

Product datasheet for **TP518961**

Tktl1 (NM_031379) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transketolase-like 1 (Tktl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218961 representing NM_031379 Red =Cloning site Green =Tags(s)

MSEAEASSGMAHNAGPDEKTLQVLRDMANRLRIRSIKATNSSTTSYLIPCSNAEIMSVLFFYTMRYKQED
PENPDNDRCILSKGLPFVNVATGWPQGQLGAACGMAYTGKYFDQASYRVFCLLGDDEESTEGSVWEAFAFA
SYYNLDNLMAIFDVNRIGHSSSMSVEHCIAIYQKRCEAFGWNTYVVDGRDVKTLCHVFSQAAQVRGKPTA
VWAKTFKARGMPNVEDAESWYGRPMPKERADAIVKLIESQIQTNKILVPSPIEDSPQINIMNICMTSPP
VYVADDKVSTQRACGLALAKLGHENDRVIVLGS DTKNCNFSDIFKKEHPERFIQCCIAEQNMVNVALGCS
TRDRTIVFAYSFAAFFTRAFDQIRLGAISQININLIGCHCGVSTGDDNPNYHMALEDLAMFRAIPNCVVFY
PSDAVSTEHAVYLAANTKEMCFIRTSQAETAIYTTQETFQIGQAKVVRHSDNDKVIVIGAGVTLHEALV
AAAELSKEDISIRVIDLFTIKPLDIATISNAKATGGRIITVEDHYPEGGIGGAVCAAVSMEPNIVVHNL
AVMDVPRSGRCNEALDFSGISSRHIIVAVKCILMT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	65.2 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_113556](#)

Locus ID: 83553

UniProt ID: [Q99MX0](#)

RefSeq Size: 2485

Cytogenetics: X A7.3

RefSeq ORF: 1785

Synonyms: C79967

Summary: Catalyzes the transfer of a two-carbon ketol group from a ketose donor to an aldose acceptor, via a covalent intermediate with the cofactor thiamine pyrophosphate.[UniProtKB/Swiss-Prot Function]