

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

Cat. No. TPTE-5374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TPTE MS Standard C13 and N15-labeled recombinant protein (NP_954868) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a PTEN-related tyrosine phosphatase which may play a role in the signal transduction pathways of the endocrine or spermatogenic function of the testis. Alternative splicing results in multiple transcript variants.
Molecular Mass	62.4 kDa
AA Sequence	MNESPDPTDLAGVIIELGPNDSPQTSEFKGATEEAPAKESVLARLSKFEVEDAENVA SYDSKIKKIVHSIVSSFAFGLFGVFLVLLDVTILADLIFTDSKLYIPLEYRSISLAIALFFL MDVLLRVFVERRQQYFSDLFNILDTAIIVILLVVDVYIFFDIKLLRNIPRWTHLLRLLRLI ILLRIFHLFHQKRQLEKLIRRRVSENKRRYTRDGFDLDTYVTERIIAMSPSSGRQSF YRNPIKEVVRFLLDKKHRNHYRVYNLCSERAYDPKHFHNRVVRIMIDHDNVPTLHQM VVFTKEVNEWMAQDLENIVAIHCKGGTDRTGTMVCAFLIASEICSTAKESLYYFGER RTDKTHSEKFQGVETPSQKRYVAYFAQVKHLYNWNLPPIRILFIKHFIISIPRYVRDL KIQIEMEKKVVFSTISLGKCSVLDNITTDKILIDVFDGPPLYDDVKVQFFYSNLPTYNDN CSFYFWLHTSFIENNRLLYLPKNELDNLHKQKARRIYPSDFAVEILFGEKMTSSDVVAG SDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.

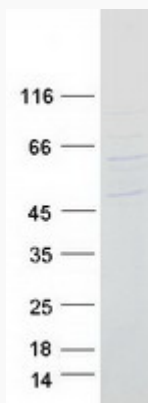
GENE INFORMATION

Gene Name	TPTE transmembrane phosphatase with tensin homology [Homo sapiens (human)]
Official Symbol	TPTE
Synonyms	TPTE; transmembrane phosphatase with tensin homology; putative tyrosine-protein phosphatase TPTE; cancer/testis antigen 44; CT44; PTEN related tyrosine phosphatase; PTEN2; tumor antigen BJ-HCC-5; PTEN-related tyrosine phosphatase; tensin, putative protein-tyrosine phosphatase;
Gene ID	7179
mRNA Refseq	NM_199259
Protein Refseq	NP_954868
MIM	604336
UniProt ID	P56180

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SDS-PAGE

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