

Product datasheet for PH307361

TIGD4 (NM_145720) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TIGD4 MS Standard C13 and N15-labeled recombinant protein (NP_663772)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207361
Predicted MW:	57.5 kDa
Protein Sequence:	>RC207361 protein sequence Red =Cloning site Green =Tags(s)

MAEASVDASTLPVTVKKKKSLSEEEKIDIINAVESGKKKAEIAAEYGIKKNSLSSIMKNKDKVLEAFESL
 RFDPKRKRLRTAFYTDLEEALMRWYRIAQCLNVPVNGPMLRLKANDFAQKLGHNDFKCSNGWLDRFKSR
 GLVFRAQPVEATGVPVDPSTVWYQNVLPYYLNDYHPKNVFNKETGLLYRMLPTNTFAFKGETCSVGKLC
 KDRITLVVGTNMDGSEKLPLLIGKKRTPHCFKGLKSLPVCYEANRMAWMTSDVFEQWMRKLDEEFQAQQ
 RRVVIFVESFPAHPEVKNLKSIELAFFPSCSSKCIAMKQGVIKSLIKYRHCLIKKFLSSVEGSKEFTF
 SLLDAVDTLHLCWRAVTPETIVKSYEEAGFSQKGESDITNAEKDTGLDLVADALGAGVEFPEGLSIEEY
 AALDDDLETCEAAPNGDSVCTKESKSDETGFYTSDEEDDDGSPGTELPLPSKSEAITALDTLKKFLRSQD
 MNDGLQNSLADLENFINSLSPK

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_663772</u>
RefSeq Size:	2472
RefSeq ORF:	1536


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Locus ID: 201798

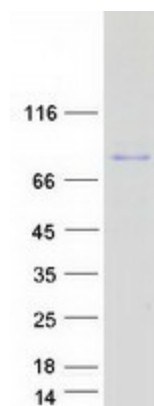
UniProt ID: [Q8IY51](#)

Cytogenetics: 4q31.3

Summary: The protein encoded by this gene belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. The exact function of this gene is not known. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified TIGD4 protein (Cat# [TP307361]). The protein was produced from HEK293T cells transfected with TIGD4 cDNA clone (Cat# [RC207361]) using MegaTran 2.0 (Cat# [TT210002]).