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Product datasheet for PH300205

Testin (TES) (NM_015641) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TES MS Standard C13 and N15-labeled recombinant protein (NP_056456)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200205
Predicted MW:	48 kDa
Protein Sequence:	>RC200205 protein sequence Red=Cloning site Green=Tags(s) MDLENKVKKMGLGHEQGFGAPCLKCKEKCEGFELHFWRKICRNCKCGQEEHDVLLSNEEDRKVGKLFEDT KYTTLIAKLKSDGIPMYKRNVMILTNPVAAKKNVSINTVTYEWAPPVQNQALARQYMQMLPKEKQPVAGS EGAQYRKKQLAKQLPAHDQDPSKCHELSPREVKEMEQFVKKYKSEALGVGDVKLPCEMDAQGPKQMNIPG GDRSTPAAVGAMEDKSAEHKRTQYSCYCCKLSMKEGDPAIYAERAGYDKLWHPACFVCSTCHELLVDMIY FWKNEKLYCGRHYCDSEKPRCAGCDELIFSNEYTQAENQNWHLKHFCCFDCDSILAGEIYVMVNDKPVCK PCYVKNHAVVCQGCHNAIDPEVQRVTYNNFSWHASTECFLCSCCSKCLIGQKFMPVEGMVFCSVECKKRM S SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_056456
RefSeq Size:	2799
RefSeq ORF:	1263
Synonyms:	TESS; TESS-2

View online »

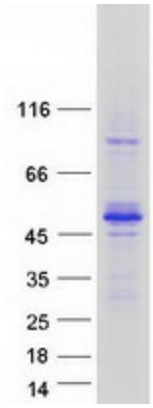
Locus ID: 26136

UniProt ID: Q9UGI8, A4D0U5

Cytogenetics: 7q31.2

Summary: Cancer-associated chromosomal changes often involve regions containing fragile sites. This gene maps to a commom fragile site on chromosome 7q31.2 designated FRA7G. This gene is similar to mouse Testin, a testosterone-responsive gene encoding a Sertoli cell secretory protein containing three LIM domains. LIM domains are double zinc-finger motifs that mediate protein-protein interactions between transcription factors, cytoskeletal proteins and signaling proteins. This protein is a negative regulator of cell growth and may act as a tumor suppressor. This scaffold protein may also play a role in cell adhesion, cell spreading and in the reorganization of the actin cytoskeleton. Multiple protein isoforms are encoded by transcript variants of this gene.[provided by RefSeq, Mar 2011]

Product images:



Coomassie blue staining of purified TES protein (Cat# [TP300205]). The protein was produced from HEK293T cells transfected with TES cDNA clone (Cat# [RC200205]) using MegaTran 2.0 (Cat# [TT210002]).