

OriGene Technologies, Inc.

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Product datasheet for PH300205

Testin (TES) (NM_015641) Human Mass Spec Standard

Product data:

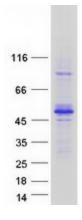
DescriptionTES MS Standard C13 and N15-labeled recombinant protein (NP_056456)Species:HumanExpression Host:HEK293Expression cDNA CloneRC200205or AA Sequence:RC200205Predicted MW:48 kDaProtein Sequence:>RC200205 protein sequenceRed=Cloning site Green=Tags(s)>RC200205KYTTLIKLKSDGTPWKRWMLTNPVAAKKWSINTVTYEWAPPQMQALARQYMMUPKEKQPVAGS EGAQYRKKQLAKQLPAHDQ0PSKCHELSPREVKEMEQPVKKVKSEALGVGDVKLPCEMDAQGPKQMNIPG SGPSTPAAVGAMEDKSAEHKRTQVSCVCKLSMEGDPATVAERAGVDKLWHPACFVCSTCHELLVDM1Y FWKNEKLKSDGTPMVKVKSEALGVGDVKLPCEMDAQGPKQMNIPG SGPTRTRPLEQKLISEEDLAANDILDVKDDDDKVTag:C-Myc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Siore at -80°C. Avoid repeated freeze-thaw cycles.Stability:Sable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 056456	Product Type:	Mass Spec Standards
Species:HumanExpression Host:HEK293Expression cDNA Clome or AA Sequence:Rc200205Predicted MW:48 kDaProtein Sequence:>Rc200205 protein sequence Red=Cloning site Green=Tags(s)MDLENKVKKMGLGHEQGFGAPCLKCKEKCEGFELHFWRKICRNCKCGQEEHDVLLSNEEDRKVGKLFEDT KYTTLIAKLKSDGIPMYKRNWILTNPVAAKMVSINTVTYEWAPV0NQALARQYMQNLPKEKQPVAGS EGAQYRKKQLAKQLPAHDQDPSKCHELSPREVKEMQEVYKKYSEALGVGDVKLPCEMDAQGPKQMNITPG GDRSTFAAVGAMEDKSAEHKRTQVSCVCCKLSMEEOPATIAERAGYDKLWHPACFVCSTCHELLVDMIY FWKNEKLVCGRHVCDSEKPRCAGCDELIFSNEYTQAENQNMULKHFCCFDCDSILAGEIYYMVNDKPVCK PCVKNHAVCQGHNAIDPEVQRYTYNNSWHASTECFLCSCCSKCLIGQKFMPVEGMVFCSVECKKRM STag:G-Myc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginne and [U-13C6, 15N2]-L-LysineBuffer:0.5 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Stora at 80°C. Avoid repeated freeze-thaw cycles.Stability:NP 056456		
Expression cDNA CloneRC200205Predicted MW:48 kDaProtein Sequence:>RC200205 protein sequence Red=Cloning site Green=Tags(s)Protein Sequence:>RC200205 protein sequence Red=Cloning site Green=Tags(s)MDLENKVKKMGLGHEQGFGAPCLKCKEKCEGFELHFWRKICRNCKCGQEEHDVLLSNEEDRKVGKLFEDT KYTTLIAKLKSDGIPMYKRNVMILTNPVAAKKNVSINTVTYEWAPPVQNQALARQYMQMLPKEKQPVAGS EGAQYRKQLAKQLPAHDQPPSCHELSPREVKEMEQPVKKYKSEALCVGDVKLPCEMDAQGPKQMNIPG GDPSTPAAVGAMEDKSAEHKRTQYSCYCCKLSWKEGDPAIYAERAGYDKLWHPACFVCSTCHELLVDMIY PKWKEKLYCGRHVCDSEKPRCAGCDELIFSNETVQAENQOMHLKHFCCFDCDSILAGEIVWWNDKPCK PCYVKNHAVCQGCHNAIDPEVQRVTYNNFSWHASTECFLCSCCSKCLIGQKFMPVEGMVFCSVECKKRM STag:C-Myc/DDKTag:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:05 mM Tris-HCI, 100 mM glycine, pH 7.3Storage: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:M 2056456	-	
or AA Sequence:Predicted MW:48 kDaProtein Sequence:>Rc200205 protein sequence Red=Cloning site Green=Tags(s)MDLENKVKKMGLGHEQGFGAPCLKCKEKCEGFELHFWRKICRNCKCGQEEHDVLLSNEEDRKVGKLFEDT KYTTLIAKLKSDGIPMYKRNVMILTNPVAAKKNVSINTVTYEWAPPVQNQALARQVMMUPKEKQPVAGS EGAQYRKKQLAKQLPAHDQDPSKCHELSPREVKEMEQPVKKNSEALGVGDVKLPCEMDAQGPKQMNIPG GDRPTRAVGAMEDKSAEHKRTQVSCVCKLSWKEGDPAIVAERAGVGNKUHPACFVCSTCHELUNNY FWKNEKLYCGRHVCDSEKPRCAGDELIFSNEYTQAENQWHLKHFCCFDCDSILAGEIYVMNNDPVCK PCVVKNHAVVCQGCHNAIDPEVQRVTYNNFSWHASTECFLCSCCSKCLIGQKFMPVEGMVFCSVECKKRM sTag:C-Myc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Stora at -80°C. Avoid repeated freeze-thaw cycles.Stability:Kable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP_056456	Expression Host:	HEK293
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KYTTLIAKLKSDGIPMYKRNVMILTNPVAAKKNVSINTVTYEWAPPVQNQALARQYMQMLPKEKQPVAGS EGAQYRKKQLAKQLPAHDQDPSKCHELSPREVKEMEQFVKKYKSEALGVGDVKLPCEMDAQGPKQMNIPG GDRSTPAAVGAMEDKSAEHKRTQVSCYCCKLSMREGDPATVAERAGYDKLWHPACFVCSTCHELLVDMIY FWKNEKLYCGRHYCDSEKPRCAGCDELIFSNEYTQAENQNWHLKHFCCFDCDSILAGEIYVMVNDKPVCK PCYVKNHAVVCQGCHNAIDPEVQRVTYNNFSWHASTECFLCSCCSKCLIGQKFMPVEGMVFCSVECKKRM STag:C-Myc/DDKPurity:80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Storage in e1 s0°C. Avoid repeated freeze-thaw cycles.Stability:Kable for 3 months from receipt of products under proper storage and handling conditions.Prefseq:NP 056456	Protein Sequence:	
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Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 056456	Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
RefSeq: <u>NP 056456</u>	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 056456</u>
kerseq size: 2799	RefSeq Size:	2799
RefSeq ORF: 1263	RefSeq ORF:	1263
Synonyms: TESS; TESS-2	Synonyms:	TESS; TESS-2



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	Testin (TES) (NM_015641) Human Mass Spec Standard – PH300205
Locus ID:	26136
UniProt ID:	<u>Q9UGI8, A4D0U5</u>
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]).

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