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Product datasheet for PH311962

TSGA14 (CEP41) (NM_018718) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TSGA14 MS Standard C13 and N15-labeled recombinant protein (NP_061188)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211962
Predicted MW:	41.2 kDa
Protein Sequence:	>RC211962 representing NM_018718 Red=Cloning site Green=Tags(s) MSLRRHIGNPEYLMKRIPQNPRYQHIKSRLDTGNSMTKYTEKLEEIKKNYRYKKDELFKRLKVTTFAQLI IQVASLSDQTLEVTAEEIQRLEDNDSAASDPDAETTARTNGKGNPGEQSPSPEQFINNAGAGDSSRSTLQ SVISGVGELDLDKGPVKKAEPHTKDKPYPDCPFLLLDVRDRDSYQQCHIVGAYSYPIATLSRTMNPYSND ILEYKNAHGKIIILYDDDERLASQAATTMCERGFENLFMLSGGLKVLAQKFPEGLITGSLPASCQQALPP GSARKRSSPKGPPLPAENKWRFTPEDLKKIEYYLEEEQGPADHPSRLNQANSSGRESKVPGARSAQNLPG GGPASHSNPRSLSSGHLQGKPWK 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- 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_061188
RefSeq Size:	3526
RefSeq ORF:	1119
Synonyms:	JBTS15; TSGA14
Locus ID:	95681

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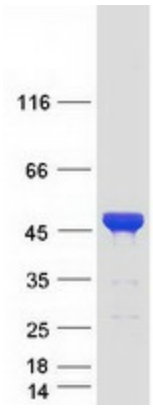
UniProt ID: Q9BYV8

Cytogenetics: 7q32.2

Summary: This gene encodes a centrosomal and microtubule-binding protein which is predicted to have two coiled-coil domains and a rhodanese domain. In human retinal pigment epithelial cells the protein localized to centrioles and cilia. Mutations in this gene have been associated with Joubert Syndrome 15; an autosomal recessive ciliopathy and neurological disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified CEP41 protein (Cat# [TP311962]). The protein was produced from HEK293T cells transfected with CEP41 cDNA clone (Cat# [RC211962]) using MegaTran 2.0 (Cat# [TT210002]).