

Product datasheet for PH306098

ACTRT2 (NM_080431) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACTRT2 MS Standard C13 and N15-labeled recombinant protein (NP_536356)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206098
Predicted MW:	41.6 kDa
Protein Sequence:	>RC206098 protein sequence Red=Cloning site Green=Tags(s)

MFNPHALDSPAVIFDNGSGFCKAGLSGEFGPRHMVSSIVGHLKFQAPSAEANQKYFVGEEALYKQEALQL
HSPFERGLITGWDDVERLWKHLFEWELGVKPSDQPLLATEPSLNPRENREKMAEVMFENFGVPAFYLSAQ
AVLALYASACVTGLVVDSDGAVTCTVPIFEGYSLPHAVTKLHVAGRDITELLMQLLLASGHTFPCQLDKG
LVDDIKKKLCYVALEPEKELSRPPEEVLREYKLPDGNIIISLGDPLHQAPEALFVPQQLGSQSPGLSNMVS
SSITKCDTDIQKILFGEIVLSSGTTLFHGLDDRLLEKEQLASKDTPIKITAPPDRWFSTWIGASIVTSL
SSFKQMWVTAADFKEFGTSVVQRRCF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	NP_536356
RefSeq Size:	1437
RefSeq ORF:	1026
Synonyms:	Arp-T2; ARPM2; ARPT2; HARPM2
Locus ID:	140625



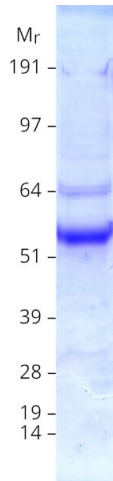
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UniProt ID: [Q8TDY3, Q96LK1](#)

Cytogenetics: 1p36.32

Summary: The protein encoded by this intronless gene belongs to the actin family. Studies have shown that this protein may be involved in cytoskeletal organization similar to other cytoplasmic actin-related protein (ARP) subfamily members. Antibody raised against the human protein has been used to detect the protein by immunoblotting and immunofluorescence microscopy, demonstrating its specific synthesis in the testis, late in spermatid differentiation, and its localization in the calyx. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified ACTRT2 protein (Cat# [TP306098]). The protein was produced from HEK293T cells transfected with ACTRT2 cDNA clone (Cat# [RC206098]) using MegaTran 2.0 (Cat# [TT210002]).