

Product datasheet for PH307549

Centaurin alpha 1 (ADAP1) (NM_006869) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ADAP1 MS Standard C13 and N15-labeled recombinant protein (NP_006860)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207549
Predicted MW:	43.2 kDa
Protein Sequence:	>RC207549 representing NM_006869 Red=Cloning site Green=Tags(s) MAKERRRAVLELLQRPGNARCADCGAPDPDWASYTLGVFICLSCSGIHRNIPQVSKVKSRLDAWEEAQV EFMASHGNDAARARFESKVPFSFYRPTPDCQLLREQWIRAKYERQEFIYPEKQEPYSAGYREGFLWKR RDNGQFLSRKFVLTREGALKYFNNDAKEPKAVMKIEHLNATFQPAKIGHPHGLQVTYLKDSTRNIFI YHEDGKEIVDFWALRAARFHYLQVAFPGASDADLVPKLSRNYLKEGYMEKTGPKQTEGFRKRWFMTDDR RLMYFKDPLDAFARGEVFIGSKESGYTVLHGFPSTQGHHPHGITIVTPDRKFLFACETESDQREWVAA FQKAVDRPMLPQEYAVEAHFKHKP 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:	NP_006860
RefSeq Size:	2378
RefSeq ORF:	1122
Synonyms:	CENTA1; GCS1L; p42IP4
Locus ID:	11033



[View online »](#)

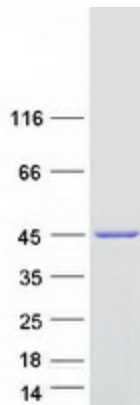
UniProt ID: [O75689](#)

Cytogenetics: 7p22.3

Summary: GTPase-activating protein for the ADP ribosylation factor family (Probable). Binds phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ADAP1 protein (Cat# [TP307549]). The protein was produced from HEK293T cells transfected with ADAP1 cDNA clone (Cat# [RC207549]) using MegaTran 2.0 (Cat# [TT210002]).