

## Product datasheet for **TP307549L**

### **Centaurin alpha 1 (ADAP1) (NM\_006869) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ArfGAP with dual PH domains 1 (ADAP1), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC207549 representing NM_006869 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKERRRAVLELLQRPGNARCADCGAPDPDWASYTLGVFICLSCSGIHRNIPQVSKVKSRLDAWEEAQV  
EFMASHGNDAAARARFESKVP SFYYRPTPSDCQLLREQWIRAKYERQEFIYPEKQEPYSAGYREGFLWKRK  
RDNGQFLSRKFVLTREGALKYFNRNDAKEPKAVMKIEHLNATFQPAKIGHPHGLQVTYLKDNSTRNIFI  
YHEDGKEIVDFNALRAARFHYLQVAFPGASDADLVPKLSRNYLKEGYMEKTGPKQTEGFRKRWFTMDDR  
RLMYFKDPLDAFARGEVFIGSKESGYTVLHGFPPSTQGHHPHGITIVTPDRKFLFACETESDQREWVAA  
FKAVDRPMLPQEYAVEAHFKHKP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

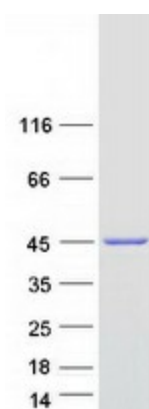
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	43.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006860</a>
<b>Locus ID:</b>	11033



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UniProt ID:	<a href="#">O75689</a>
RefSeq Size:	2378
Cytogenetics:	7p22.3
RefSeq ORF:	1122
Synonyms:	CENTA1; GCS1L; p42IP4
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]).