

## Product datasheet for **TP303302**

### SIAH Interacting Protein (CACYPB) (NM\_014412) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calcyclin binding protein (CACYPB), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203302 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MASEELQKDLEEVKVLLEKATRKRVRDALTAEKSKIETEIKNKMQQKSQKKAELLDNEKPAAVVAPITTG YTVKISNYGWDQSDKFVKIYITLTGVHQVPTENVQVHFTERSFDLLVKNLNGKSYSMIVNLLKPIVVEG SSKKVKTDTVLILCRKKVENTRWDYLTQVEKECKEKEKPSYDTETDPSEGLMNVLKKIYEDGDDDMKRTI NKAWVESREKQAKGDTEF</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	26 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_055227</a>
Locus ID:	27101
UniProt ID:	<a href="#">Q9HB71</a> , <a href="#">A0A024R904</a>



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RefSeq Size: 3060

Cytogenetics: 1q25.1

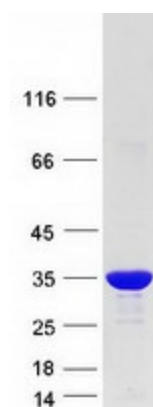
RefSeq ORF: 684

Synonyms: GIG5; PNAS-107; S100A6BP; SIP

**Summary:** The protein encoded by this gene is a calcyclin binding protein. It may be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Wnt signaling pathway

### Product images:



Coomassie blue staining of purified CACYBP protein (Cat# TP303302). The protein was produced from HEK293T cells transfected with CACYBP cDNA clone (Cat# [RC203302]) using MegaTran 2.0 (Cat# [TT210002]).