

## Product datasheet for PH303302

### SIAH Interacting Protein (CACYPB) (NM\_014412) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CACYBP MS Standard C13 and N15-labeled recombinant protein (NP_055227)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203302
Predicted MW:	26.2 kDa
Protein Sequence:	>RC203302 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MASEELQKDL EEVKV LLEKATRK RVRDAL TAEKSKIETE IKNKMQQKSQKKA ELLDNEKPA AVVAPITTG YTVKISNYGWDQSDKFVKIYITLTGVHQVPTENVQVHFTERSFDLLVKNLNGKSYSMIVNLLKPI SVEG SSKKVKTDTVLILCRKKVENTRWDYLTQVEKECKEKEKPSYDTETDPSEGLMNVLKKIYEDGDDDMKRTI NKAWVESREKQAKGDTEF  <b>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</b>
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_055227</a>
RefSeq Size:	3060
RefSeq ORF:	684
Synonyms:	GIG5; PNAS-107; S100A6BP; SIP
Locus ID:	27101
UniProt ID:	<a href="#">Q9HB71</a> , <a href="#">A0A024R904</a>



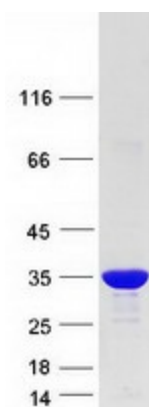
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Cytogenetics: 1q25.1

**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]).