

Product datasheet for PH309815

SIAH Interacting Protein (CACYPB) (NM_001007214) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CACYBP MS Standard C13 and N15-labeled recombinant protein (NP_001007215)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209815
Predicted MW:	26.18 kDa
Protein Sequence:	>RC209815 representing NM_001007214 Red=Cloning site Green=Tags(s) MASEELQKDL EEVKV LLEKAT RKRVR DALTA EKSKIETE IKNKMQQKSQKKA ELLDNEKPA AVVAPIT TG YTVKISNYGWDQSDKFVKIYITL TGVHQVPTENVQVHF TERSFDLLVKNLNGKSYSMIVNLLKPI SVEG SSKKVKTDTVLILCRKKVENTRWDYLTQVEKECKEKEKPSYDTETDPSEGLMNVLKKIYEDGDDDMKQTI NKAWVESREKQAKGDTEF 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_001007215
RefSeq Size:	2875
RefSeq ORF:	684
Synonyms:	GIG5; PNAS-107; S100A6BP; SIP
Locus ID:	27101
UniProt ID:	Q9HB71



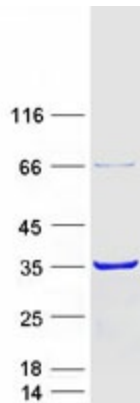
[View online »](#)

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# [TP309815]). The protein was produced from HEK293T cells transfected with CACYBP cDNA clone (Cat# [RC209815]) using MegaTran 2.0 (Cat# [TT210002]).