

Product datasheet for TP303302M

SIAH Interacting Protein (CACYPB) (NM_014412) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calyculin binding protein (CACYPB), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203302 protein sequence Red=Cloning site Green=Tags(s)

MASEELQKDLEEVKVLLEKATRKRVRDALTAEKSKIETEIKNKMQQKSQKKAELLDNEKPAAVVAPITGG
YTVKISNYGWDQSDKFVKIYITLTGVHQPVTENVQVHFTERSFDLLVKNLNGKSYSMIVNNLLKPIVVEG
SSKKVKTDTVLILCRKKVENTRWYDLTQVEKECKEKEKPSYDTETDPSEGLMNVLKKIYEDGDDDMKRTI
NKAWVESREKQAKGDTEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_055227</u>
Locus ID:	27101



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UniProt ID: [Q9HB71](#), [A0A024R904](#)

RefSeq Size: 3060

Cytogenetics: 1q25.1

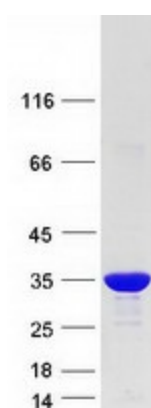
RefSeq ORF: 684

Synonyms: GIG5; PNAS-107; S100A6BP; SIP

Summary: The protein encoded by this gene is a calyculin 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]).