Recombinant Human CACYBP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CACYBP-2442H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CACYBP MS Standard C13 and N15-labeled recombinant protein (NP_055227) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	26.2 kDa
AA Sequence	MASEELQKDLEEVKVLLEKATRKRVRDALTAEKSKIETEIKNKMQQKSQKKAELLDN EKPAAVVAPITTGYTVKISNYGWDQSDKFVKIYITLTGVHQVPTENVQVHFTERSFDL LVKNLNGKSYSMIVNNLLKPISVEGSSKKVKTDTVLILCRKKVENTRWDYLTQVEKEC KEKEKPSYDTETDPSEGLMNVLKKIYEDGDDDMKRTINKAWVESREKQAKGDTEFT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CACYBP calcyclin binding protein [Homo sapiens (human)]
Official Symbol	CACYBP
Synonyms	CACYBP; calcyclin binding protein; calcyclin-binding protein; S100A6BP; SIP; hCacyBP; S100A6-binding protein; Siah-interacting protein (SIP); growth-inhibiting gene 5 protein; GIG5; PNAS-107; RP1-102G20.6; MGC87971;
Gene ID	27101
mRNA Refseq	NM_014412
Protein Refseq	NP_055227
MIM	606186
UniProt ID	Q9HB71

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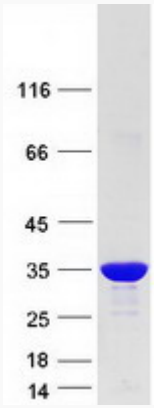
SDS-PAGE	

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