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## Product Data Sheet

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Product Name: CACYBP Human  
 Cat. No.: GP22949  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	S100A6BP; S100A6 Binding Protein; GIG5; PNAS-107; RP1-102G20.6; SIP; CACYBP; hCacyBP; Siah-interacting protein; MGC87971.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MQQKSQKKAEE LLDNEKPAAV VAPITTYGYTV KISNYGWDQS DKFVKIYITL TGVHQPVTEN VQVHFTERSF DLLVKNLNGK SYSMIVNLL KPISVEGSSK KVKTDTVLIL CRKKVENTRW DYLTQVEKEC KEKEKPSYDT ETDPEGLMN VLKKIYEDGD DDMKRTINKA WVESREKQAK GDTEF.		
Formulation	CACYBP Human solution containing 20mM Tris HCL pH-8, 1mM DTT, 0.1M NaCl & 10% glycerol.		

### Introduction

CACYBP (calcyclin binding protein) participates in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. CACYBP acts as a molecular bridge in ubiquitin E3 complexes. CACYBP is involved in the ubiquitin-mediated degradation of beta-catenin.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

CACYBP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 205 amino acids (1-185a.a.) and having a molecular mass of 23.4 kDa. CACYBP protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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