

Product datasheet for **AR09476PU-N**

CACYBP (1-185, His-tag) Human Protein

Product data:

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|--|---|
| Product Type: | Recombinant Proteins |
| Description: | CACYBP (1-185, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSGLVPRGSH</u> MQQKSQKKA E LLDNEKPAAV VAPITTYTV KISNYGWDQS DKFKVIYITL TGVHQVPTEN VQVHFTERSF DLLVKNLNGK SYSMIVNNLL KPISVEGSSK KVKTDTVLIL CRKKVENTRW DYLTQVEKEC KEKEKPSYDT ETDPSGLMN VLKKIYEDGD DDMKRTINKA WVESREKQAK GDTEF |
| Tag: | His-tag |
| Predicted MW: | 23.4 kDa |
| Concentration: | lot specific |
| Purity: | >85% by SDS – PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 0.1 M NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human CACYBP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP_001007215</u> |
| Locus ID: | 27101 |
| UniProt ID: | <u>Q9HB71</u> |
| Cytogenetics: | 1q25.1 |
| Synonyms: | GIG5; PNAS-107; S100A6BP; SIP |



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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: