

# Recombinant Human CACYBP Protein, GST-Tagged

**Cat. No.** CACYBP-0281H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CACYBP full-length ORF (AAH05975, 1 a.a. - 228 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 50.82 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MASEELQKDLEEVKVLLEKATRKRVRDALTAEKSKIETEIKNKMQQKSQKKAELLDN<br>EKPAAVVAPITTGTYVKISNYGWDQSDKFVKIYITLTGVHQVPTENVQVHFTERSFDL<br>LVKNLNGKSYSMIVNNLLKPISVEGSSKKVKTDTVLILCRKKVENTRWDTLTQVEKEC<br>KEKEKPSYDTETDPSEGLMNVLKKIYEDGDDDMKRTINKAWVESREKQAKGDTEF                                                                                                                                                                                                                      |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                     |

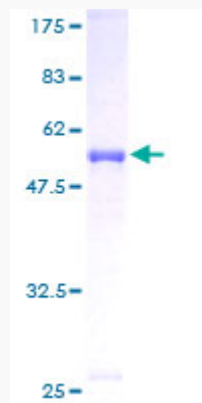
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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                  |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                         |
| <b>Gene Name</b>        | CACYBP calcyclin binding protein [ Homo sapiens ]                                                                                                                                                                       |
| <b>Official Symbol</b>  | CACYBP                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | 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; |
| <b>Gene ID</b>          | 27101                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>      | NM_001007214                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_001007215                                                                                                                                                                                                            |
| <b>MIM</b>              | 606186                                                                                                                                                                                                                  |
| <b>UniProt ID</b>       | Q9HB71                                                                                                                                                                                                                  |

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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