

## Recombinant Human ACBD5, GST-tagged

**Cat. No.** ACBD5-9280H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ACBD5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 173-505a.a.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | This gene encodes a member of the acyl-Coenzyme A binding protein family, known to function in the transport and distribution of long chain acyl-Coenzyme A in cells. This gene may play a role in the differentiation of megakaryocytes and formation of platelets. A mutation in this gene has been associated with autosomal dominant thrombocytopenia. Alternative splicing results in multiple transcript variants. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                                                                                        |

### GENE INFORMATION

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| <b>Gene Name</b> | ACBD5 acyl-CoA binding domain containing 5 [ Homo sapiens ] |
|------------------|-------------------------------------------------------------|

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|                            |                                                                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | ACBD5                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>            | ACBD5; acyl-CoA binding domain containing 5; acyl Coenzyme A binding domain containing 5; acyl-CoA-binding domain-containing protein 5; DKFZp434A2417; KIAA1996; endozepine-related protein; acyl-Coenzyme A binding domain containing 5; membrane-associated diazepam binding inhibitor; |
| <b>Gene ID</b>             | <a href="#">91452</a>                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | <a href="#">NM_001042473</a>                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>      | <a href="#">NP_001035938</a>                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | <a href="#">Q5T8D3</a>                                                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 10p12.1                                                                                                                                                                                                                                                                                   |
| <b>Function</b>            | binding; fatty-acyl-CoA binding; lipid binding;                                                                                                                                                                                                                                           |

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