

## Recombinant Human DACT2 Protein, GST-tagged

**Cat. No.** DACT2-2323H    **Lot. No.** (See product label)

### SPECIFICATION

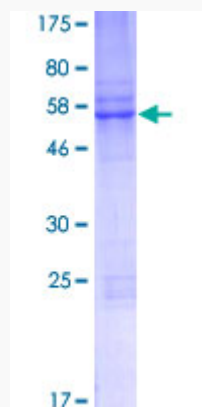
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| <b>Product Overview</b> | Human DACT2 full-length ORF ( AAH92498.1, 1 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | DACT2 (Dishevelled Binding Antagonist Of Beta Catenin 2) is a Protein Coding gene. Among its related pathways are TGF-beta receptor signaling (Pathway Interaction Database). GO annotations related to this gene include transcription factor binding and protein kinase C binding. An important paralog of this gene is DACT1. |
| <b>Molecular Mass</b>   | 55.8 kDa                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MWTPGGPPGSAGWDRRLGARLRAAFAGLQELQGLRATQQERVRGALALQPPPA<br>PAAPCGPHGLHGPEQQLEAALAALQEQLSRLRQQDIGLKTHLDQLDLQISKLQLDVG<br>TASGEALDSDSRPSSGFYEMSDGGSCFLSTSCASVCSDHISPSLGSLLPVAQAHKA<br>RPSMGDWRPRSVDETTVPAWRPQATEEGARPPGSVEDAGQPWGTFWPRPVSTE<br>LCNAPGELDMHAPPAGCTSSSLTGVGSGLRGKCGLCGCQLPFCSVNTSSSKTKSSGI<br>SRQQ                     |
| <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>        | DACT2 dapper, antagonist of beta-catenin, homolog 2 (Xenopus laevis) [ Homo sapiens ]                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>  | DACT2                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>         | DACT2; dapper, antagonist of beta-catenin, homolog 2 (Xenopus laevis); C6orf116, chromosome 6 open reading frame 116 , dapper homolog 2, antagonist of beta catenin (xenopus); dapper homolog 2; bA503C24.7; dapper homolog 2, antagonist of beta-catenin; DPR2; DAPPER2; C6orf116; FLJ31232; RP11-503C24.7; MGC133141; MGC133142; |
| <b>Gene ID</b>          | 168002                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>      | NM_214462                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_999627                                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>              | 608966                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | Q5SW24                                                                                                                                                                                                                                                                                                                             |

**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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