

# Recombinant Full Length Human CACFD1 Protein, GST-tagged

**Cat. No.** CACFD1-2805HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CACFD1 full-length ORF (NP_060056.1, 1 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 172 amino acids                                                                                                                                                                                                                                                         |
| <b>Description</b>      | CACFD1 (Calcium Channel Flower Domain Containing 1) is a Protein Coding gene. Among its related pathways are Transmission across Chemical Synapses and DREAM Repression and Dynorphin Expression. GO annotations related to this gene include calcium channel activity. |
| <b>Molecular Mass</b>   | 44.9 kDa                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MSSSGGAPGASASSAPPAQEEGMTWWYRWLCRLSGVLGAVSCAISGLFNCITIHPL<br>NIAAGVWMIMNAFILLLCEAPFCCQFIEFANTVAEKVDRLRSWQKAVFYCGMAVVPIV<br>ISLTLTLLGNAIAFATGVLYGLSALGKKGDAISYARIQQQRQQADEEKLAETLEGEL                                                                                     |
| <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>        | CACFD1 calcium channel flower domain containing 1 [ Homo sapiens ]       |
| <b>Official Symbol</b>  | CACFD1                                                                   |
| <b>Synonyms</b>         | C9orf7; FLOWER; D9S2135                                                  |
| <b>Gene ID</b>          | 11094                                                                    |
| <b>mRNA Refseq</b>      | NM_017586                                                                |
| <b>Protein Refseq</b>   | NP_060056                                                                |
| <b>MIM</b>              | 613104                                                                   |
| <b>UniProt ID</b>       | Q9UGQ2                                                                   |

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