

## Recombinant Human ADAP1 Protein, GST-Tagged

**Cat. No.** ADAP1-0005H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CENTA1 full-length ORF (NP_006860.1, 1 a.a. - 374 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | ADAP1 (ArfGAP With Dual PH Domains 1) is a Protein Coding gene. Among its related pathways are Arf6 signaling events and Class I PI3K signaling events. GO annotations related to this gene include GTPase activator activity and inositol 1,3,4,5 tetrakisphosphate binding. An important paralog of this gene is ADAP2.                                                                                                                    |
| <b>Molecular Mass</b>   | 69.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | <p>MAKERRRAVLELLQRPGNARCA DCGAPDPDWASYTLGVFICLSCSGIHRNIPQVSK</p> <p>VKSVRLDAWEEAQVEFMASHGNDAARARFESKVPSFYRPTPSDCQLLREQWIRA</p> <p>KYERQEFIIPEKQEPYSAGYREGFLWKRGRDNGQFLSRKFVLTEREGALKYFNRND</p> <p>AKEPKAVMKIEHLNATFQPAKIGHPHGLQVTYLKDNSTRNIFIYHEDGKEIVDWFNAL</p> <p>RAARFHYLQVAFPGASDADLVPKLSRNYLKEGYMEKTGPKQTEGFRKRWFTMDDR</p> <p>RLMYFKDPLDAFARGEVFIGSKESGYTVLHGFPPSTQGHHPHGITIVTPDRKFLFA</p> <p>CETESDQREWVAAFQKAVDRPMLPQEYAVEAHFKHKP</p> |
| <b>Applications</b>     | <p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p>                                                                                                                                                                                                                                                                                                                              |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <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. |

## GENE INFORMATION

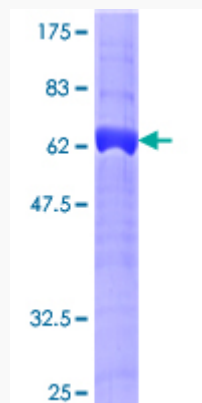
|                        |                                                                                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">ADAP1 ArfGAP with dual PH domains 1 [ Homo sapiens ]</a>                                                                                                                                                                              |
| <b>Official Symbol</b> | <a href="#">ADAP1</a>                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | ADAP1; ArfGAP with dual PH domains 1; CENTA1, centaurin, alpha 1; arf-GAP with dual PH domain-containing protein 1; GCS1L; cnt-a1; centaurin-alpha; centaurin-alpha-1; centaurin, alpha 1; putative MAPK-activating protein PM25; CENTA1; p42IP4; |
| <b>Gene ID</b>         | <a href="#">11033</a>                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | <a href="#">NM_006869</a>                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | <a href="#">NP_006860</a>                                                                                                                                                                                                                         |
| <b>MIM</b>             | <a href="#">608114</a>                                                                                                                                                                                                                            |
| <b>UniProt ID</b>      | <a href="#">O75689</a>                                                                                                                                                                                                                            |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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