

## Recombinant Arabidopsis thaliana AT3G13670 Protein (Pro2-Ala59), C-His tagged

Cat. No. AT3G13670-1637A    Lot. No. (See product label)

### SPECIFICATION

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| <b>Product Overview</b> | Recombinant Arabidopsis thaliana At3g13670 (Pro2-Ala59) fused with the C-His tag was expressed in E. coli.                                                                                    |
| <b>Species</b>          | Arabidopsis thaliana                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Pro2-Ala59                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                              |
| <b>Molecular Mass</b>   | 81.57 kDa                                                                                                                                                                                     |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                               |
| <b>Notes</b>            | For research use only.                                                                                                                                                                        |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles.<br>Store at 2 to 8 centigrade for one week.<br>Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | Supplied as solution form in PBS, pH 7.5, 4M urea or lyophilized from PBS, pH 7.5, 4M urea.                                                                                                   |

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| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Shipping</b>         | They are shipped out with dry ice/blue ice unless customers require otherwise.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>        | AT3G13670 Protein kinase family protein [ Arabidopsis thaliana (thale cress) ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>  | AT3G13670                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>         | AT3G13670; Protein kinase family protein; Protein kinase family protein; Protein kinase family protein; FUNCTIONS IN: protein serine/threonine kinase activity, protein kinase activity, kinase activity, ATP binding; INVOLVED IN: protein amino acid phosphorylation; EXPRESSED IN: 24 plant structures; EXPRESSED DURING: 15 growth stages; CONTAINS InterPro DOMAIN/s: Protein kinase, ATP binding site (InterPro:IPR017441), Protein kinase, catalytic domain (InterPro:IPR000719), Serine/threonine-protein kinase-like domain (InterPro:IPR017442), Protein kinase-like domain (InterPro:IPR011009), Serine/threonine-protein kinase, active site (InterPro:IPR008271); BEST Arabidopsis thaliana protein match is: Protein kinase family protein (TAIR:AT2G25760.1) |
| <b>Gene ID</b>          | 820572                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>      | NM_112214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>   | NP_187977                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>       | Q9LID3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |