

## Recombinant Arabidopsis thaliana ALKBH9B Protein (Met1-Gly507), C-His tagged

**Cat. No.** ALKBH9B-1634A    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Arabidopsis thaliana ALKBH9B (Met1-Gly507) fused with the C-His tag was expressed in E. coli.                                                                                     |
| <b>Species</b>          | Arabidopsis thaliana                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Met1-Gly507                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                              |
| <b>Molecular Mass</b>   | 65 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 or lyophilized from PBS, pH 7.5.                                                                                                                     |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                           |

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**Shipping**

They are shipped out with dry ice/blue ice unless customers require otherwise.

**GENE INFORMATION**
**Gene Name**

AT2G17970 2-oxoglutarate (2OG) and Fe (II)-dependent oxygenase superfamily protein [ *Arabidopsis thaliana* (thale cress) ]

**Official Symbol**

ALKBH9B

**Synonyms**

AT2G17970; 2-oxoglutarate (2OG) and Fe (II)-dependent oxygenase superfamily protein; T27K22.16; T27K22\_16; 2-oxoglutarate (2OG) and Fe (II)-dependent oxygenase superfamily protein; 2-oxoglutarate (2OG) and Fe (II)-dependent oxygenase superfamily protein; FUNCTIONS IN: oxidoreductase activity; INVOLVED IN: biological\_process unknown; LOCATED IN: cellular\_component unknown; EXPRESSED IN: 15 plant structures; EXPRESSED DURING: 7 growth stages; CONTAINS InterPro DOMAIN/s: Oxoglutarate/iron-dependent oxygenase (InterPro:IPR005123); BEST *Arabidopsis thaliana* protein match is: oxidoreductase, 2OG-Fe (II) oxygenase family protein (TAIR:AT4G36090.2); 2-oxoglutarate (2OG) and Fe (II)-dependent oxygenase superfamily protein; FUNCTIONS IN: oxidoreductase activity; INVOLVED IN: biological\_process unknown; LOCATED IN: cellular\_component unknown; EXPRESSED IN: 15 plant structures; EXPRESSED DURING: 7 growth stages; CONTAINS InterPro DOMAIN/s: Oxoglutarate/iron-dependent oxygenase (InterPro:IPR005123); BEST *Arabidopsis thaliana* protein match is: oxidoreductase, 2OG-Fe (II) oxygenase family protein (TAIR:AT4G36090.2); 2-oxoglutarate (2OG) and Fe (II)-dependent oxygenase superfamily protein; FUNCTIONS IN: oxidoreductase activity; INVOLVED IN: biological\_process unknown; LOCATED IN: cellular\_component unknown; EXPRESSED IN: 15 plant structures; EXPRESSED DURING: 7 growth stages; CONTAINS InterPro DOMAIN/s: Oxoglutarate/iron-dependent oxygenase (InterPro:IPR005123); BEST *Arabidopsis thaliana* protein match is: oxidoreductase,

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2OG-Fe (II) oxygenase family protein (TAIR:AT4G36090.3)

Gene ID 816307

mRNA Refseq NM\_127351

Protein Refseq NP\_179387

UniProt ID Q9SL49

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