

Recombinant *A. thaliana* AER Protein, His-SUMO-tagged

Cat. No. AER-1315A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Arabidopsis thaliana</i> (Mouse-ear cress) AER Protein (1-345aa) was expressed in <i>E. coli</i> with N-terminal His-SUMO tag.
Species	<i>A.thaliana</i>
Source	<i>E.coli</i>
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	54.1 kDa
AA Sequence	MTATNKQVILKDYVSGFPTESDFDFTTTTVELRVPEGTNSVLVKNLYLSCDPYMRIR MGKPD PSTAALAQA YTPGQPIQGYGVSRIESGHPDYKKGDLLWGIVAWEEYSVITP MTHAHFKIQHTDVPLSYTGLLGMPGMTAYAGFYEVCSPEGETVYVSAASGAVGQ LVGQLAKMMGCYVVGSGSKEKVDLLKTKFGFDDAFNYKEESDLTAALKRCFPNGI DIYFENVGGKMLDAVLVNMNMHGRIAVCGMISQYNLENQEGVHNLSNIIYKRIRIQGF VVSDFYDKYSKFLEFVLPHIREGKITVVEDVADGLEKAPEALVGLFHGKNVGKQVVV VARE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	AER alkenal reductase [<i>Arabidopsis thaliana</i> (thale cress)]
Official Symbol	AER
Synonyms	alkenal reductase; AT-AER; F2K13.120; F2K13_120; EC 1.3.1.74; DBR1; NADP-dependent alkenal double bond reductase P1
Gene ID	831560
mRNA Refseq	NM_121703.4
Protein Refseq	NP_197199.1
UniProt ID	Q39172

