

## aroA/EPSPS Recombinant Protein | aroA recombinant protein

Recombinant Agrobacterium sp. aroA/EPSPS Protein, C-His

|                              |                       |                                                      |
|------------------------------|-----------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA41041</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page, ELISA</b> |
|------------------------------|-----------------------|------------------------------------------------------|

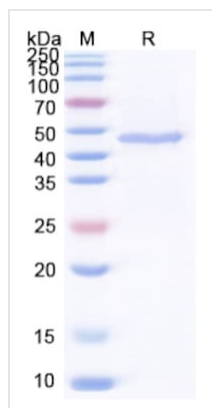
### PRODUCT SYNONYMS

aroA/EPSPS; Recombinant Agrobacterium sp. aroA/EPSPS Protein; C-His; 3-phosphoshikimate 1-carboxyvinyltransferase; 5-enolpyruvylshikimate-3-phosphate synthase; EPSP synthase; EPSPS; aroA; aroA recombinant protein

### PRODUCT SPECIFICATIONS

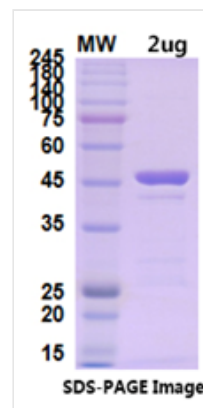
|                                                      |                                                                                                                                                                                               |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E Coli                                                                                                                                                                                        |
| Purity/Purification                                  | >90% as determined by SDS-PAGE                                                                                                                                                                |
| Form/Format                                          | Lyophilized from a solution in 50mM Tris, 150mM NaCl, pH8.0, 1mM EDTA, 4% trehalose, 1% mannitol.                                                                                             |
| Applicable Applications for aroA recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, ELISA                                                                                                                                                 |
| Protein length                                       | His3-Ala455                                                                                                                                                                                   |
| Nature                                               | Recombinant                                                                                                                                                                                   |
| Reconstitution                                       | Reconstitute in sterile water for a stock solution.                                                                                                                                           |
| Species                                              | Agrobacterium sp                                                                                                                                                                              |
| Preparation and Storage                              | Store at 2 to 8 degree C for frequent use.<br>Store at -20 to -80 degree C for twelve months from the date of receipt.<br>Use a manual defrost freezer and avoid repeated freeze thaw cycles. |

### IMAGES



SDS-PAGE

SDS PAGE for recombinant Agrobacterium sp. (strain CP4) aroA/EPSPS protein



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| Product Categories/Family for aroA recombinant protein | <a href="#">Other proteins</a> |
|--------------------------------------------------------|--------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                                              |
|----------------------------|----------------------------------------------|
| NCBI GI #                  | 8469107                                      |
| UniProt Accession #        | Q9R4E4                                       |
| Molecular Weight           | Predicted MW: 48.57 kDa                      |
| NCBI Official Full Name    | 3-phosphoshikimate 1-carboxyvinyltransferase |
| UniProt Protein Name       | 3-phosphoshikimate 1-carboxyvinyltransferase |
| UniProt Gene Name          | aroA                                         |
| UniProt Synonym Gene Names | EPSP synthase; EPSPS                         |
| UniProt Entry Name         | ARO_AGRSC                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/aroa-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-elisa/41041>