



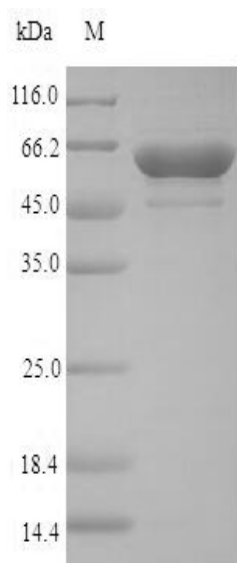
## Recombinant CP4 EPSPS (46kDa) Protein

The 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS) is an enzyme made by plants and microorganisms. It is the biological target of herbicide glyphosate and a variant of this gene resistant to glyphosate is used in genetically modified crops.

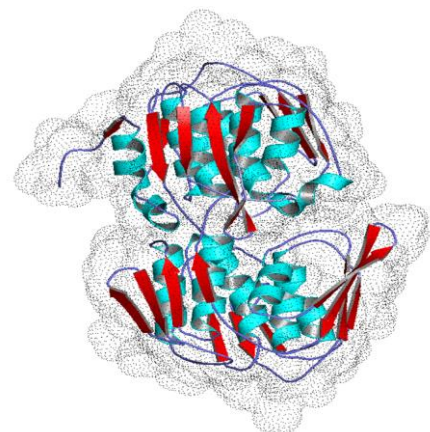
### Product Details

<b>Catalog no.</b>	RESPS1
<b>Molecular weight</b>	46kDa
<b>Uniprot ID</b>	Q9R4E4
<b>Amino acid sequence</b>	G17-A445
<b>Host</b>	E.coli
<b>Formulation</b>	Tris + 1% Glycerol
<b>Conjugate/ Tag</b>	C-terminus 6 × His tag
<b>Purity</b>	> 95% Purity, purified by Ni NTA and determined by SDS-PAGE
<b>Form</b>	Liquid/ Lyophilized
<b>Storage</b>	Store at -20°C and avoid freeze thaw. Stable for 12 months from the date of receipt if kept at recommended temperature
<b>Application</b>	Agri research
<b>Suggested working dilution</b>	The optimal concentration should be determined for each specific application

### SDS PAGE Gel image of CP EPSPS protein



### Protein Crystal Image



### Protein Crystal Image

CP4 EPSPS (46kDa)