

CP4-EPSPS Recombinant Protein

Background

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

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| Full Product Name | 5-enolpyruvylshikimate-3-phosphate synthase; EPSP synthase; EPSPS |
| Research use only | For Research Use Only. Not for use in diagnostic procedures. |
| Molecular weight | 46 kDa |
| Sequence | GLSGTVRIPG DKSISHRSFM FGGLASGETR ITGLLEGEDV INTGKAMQAM GARIRKEGDT WIIDGVGNGG LLAPEAPLDF GNAATGCRLT MGLVGVYDFD STFIGDASLT KRPMGRVLNPLREMGVQVKS EDGDRLPVTI RGPKTPTPIT YRVPMASAQV KSAVLLAGLN TPGITTVIEP IMTRDHTEKM LQGFGANLTV ETDADGVRTI RLEGRGKLTG QVIDVPGDPS STAFPLVAAL LVPGSDVTIL NVLMNPTRTG LILTLQEMGA DIEVINPRLA GGEDVADLRV RSSTLKGVTV PEDRAPSMID EYPILAVAAA FAEGATVMNG LEELRVKESD RLSAVANGLK LNGVDCDEGE TSLVVRGRPD GKGLGNASGA AVATHLDHRI AMSFLVMGLV SENPVTVDDA TMIATSFPEF MDLMAGLGAK IELSDTKAA |
| Host | E.coli |
| Purity/ Purification | Greater than 90% as determined by SDS-PAGE. |
| Form | Lyophilized or liquid |
| Tag Information | C- terminus 6 X His tag |
| Species | Agrobacterium sp. (strain CP4) |
| Preparation and Storage | Store at -20 degree C, for extended storage |
| ISO Certification | Manufactured in an ISO 9001:20015 Certified Laboratory. |

SDS PAGE of Recombinant EPSPS Protein

