



# Recombinant Arabidopsis thaliana Glutathione S-transferase F4 (GSTF4)

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| <b>Product Code</b>      | CSB-EP771163DOA-B  |
| <b>Abbreviation</b>      | GSTF4  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | Q84TK0   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Arabidopsis thaliana (Mouse-ear cress)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MDCLQMVF <del>KL</del> FPNWKREA <del>EV</del> KKL <del>V</del> AGYK <del>VH</del> GDPFSTN <del>TRR</del> VLAVLHEK <del>R</del> L<br>SYEPITV <del>KLQ</del> TGEHKTEP <del>FL</del> SLNPF <del>GQ</del> VPV FEDGS <del>V</del> KLYE SRAITQYI <del>AY</del><br>VHSSRGT <del>QLL</del> NLRSHET <del>MAT</del> LTMWMEI <del>EAH</del> QFDPPASK <del>LT</del> WEQVIKPI <del>YG</del><br>LETDQTIV <del>KE</del> NEAILEK <del>VLN</del> IYEKRL <del>EESR</del> FLACNSFT <del>LV</del> DLHHL <del>P</del> NIQY<br>LLGTPTK <del>KL</del> F EKRSK <del>V</del> RK <del>W</del> V DEITSREAW <del>K</del> MACDQE <del>K</del> SWF NKPR <del>N</del> |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | GSTF4  |
| <b>Protein Names</b>     | Recommended name: Glutathione S-transferase F4 Short name= AtGSTF4<br>EC= 2.5.1.18 Alternative name(s): GST class-phi member 4 Glutathione S-transferase 31  |
| <b>Expression Region</b> | 1-245  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |