



# Recombinant Arabidopsis thaliana Metal tolerance protein C1 (MTPC1)

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| <b>Product Code</b>      | CSB-CF818501DOA   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | Q8L725  |
| <b>Product Type</b>      | Transmembrane Protein   |
| <b>Immunogen Species</b> | Arabidopsis thaliana (Mouse-ear cress)  |
| <b>Sequence</b>          | <p>           MGIIRFQILNPTRICRSTIYYMSCRYLPSSSSSSSPLRVSSSSSQKPSFDFSRR<br/>           WHFGHP<br/>           DHHQQYQKPGEEGEKIFRLGLTADIGLSVAKALTGYLCGSTAIIADAHSVSDV<br/>           VLSGVA<br/>           LVSYRAANVPKDKEHPYGHGKFETLGALGISAMLLATGSGIAWHALDLLSIALS<br/>           AAPEVI<br/>           HSGHHHGIDMNHPILALTVTIASISIKEGLYWITKRAGEKQGSGLMMANAWHHR<br/>           SDAISS<br/>           LVALVGVGGSILGVNFLDPLAGLVVSTMIVNAGLKTGHQSILELVDAIPAQQLE<br/>           PIRQT<br/>           ILQVEGVKGCHRLRGRRRAGSSLYLDVHIVVDPFSSVSVAHEVGEYVRRQINLN<br/>           HPEVSEV<br/>           FIHIDPAFLQFSCSTKDHDHSITKESNICQEIKHVEATVSDIFSSQLSEKLTIKRITP<br/>           HLL HSKILLQIVVAMPSTMSIQDVMIAAEHAEKEILKAAPNVARVSIQLSLNSE         </p> |
| <b>Source</b>            | in vitro E.coli expression system   |
| <b>Target Names</b>      | MTPC1   |
| <b>Protein Names</b>     | Recommended name: Metal tolerance protein C1 Short name= AtMTPc1<br>Alternative name(s): AtMTP6   |
| <b>Expression Region</b> | 1-471   |
| <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>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.  |