



Recombinant Arabidopsis thaliana Palmitoyl-monogalactosyldiacylglycerol delta-7 desaturase, chloroplastic (ADS3)

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| Product Code | CSB-CF856717DOA |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | Q949X0 |
| Product Type | Transmembrane Protein |
| Immunogen Species | Arabidopsis thaliana (Mouse-ear cress) |
| Sequence | AFSEKGLKRDVTTAAAAATEGDYRRIMLSVDLVKKKKEKVVWVEREWKAMDFG AVAVVLSMH LLSLLAPFQFNWRAVSVAFGLYIVTGLLGITLSFHRNLSHKAFKLPKWLEYLFAY CGAQA LQGNPIDWVSTHRYHHQFCDSDRDPHSPLDGFWFSSHMNWMFDTNTITQRCG EPNVGDLE KQPFYRFLRTTYILHPLALAVALYAMGGFPFIVWGMGVRIVWVYHITWLVNSAC HVWGKQ AWNTGDLSKNNWWVAALAFGEGWHNNHHAFFESARHGLEWWQLDMTWYV VKFLQAIGLAT DVKLPSEAQKQRMAFTSD |
| Source | in vitro E.coli expression system |
| Target Names | ADS3 |
| Protein Names | Recommended name: Palmitoyl-monogalactosyldiacylglycerol delta-7 desaturase, chloroplastic EC= 1.14.19.- Alternative name(s): FAD5 Monogalactosyldiacylglycerol-specific palmitic acid desaturase |
| Expression Region | 54-371 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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. |