



Recombinant Arabidopsis thaliana 7-hydroxymethyl chlorophyll a reductase, chloroplastic (HCAR)

Product Code	CSB-EP812734DOA-B
Abbreviation	HCAR
Storage	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.
Uniprot No.	Q8GS60
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	SSSSRSKDMN LEPKKKVKLR EDWREKSRPI PPGGTYPAKD HCSQCGLCDT YYIAHVKEAC AFLGDGMSRI ESLEPVVHGR GRKADSLQDT YFGVHQEQLY ARKLPVEGA QWTGIVTTIA IEMLKSNMVE AVVCVQSDPE DRLSPRPVLA RTPEEVLAAR GVKPTLSPNL NTLELIEASG VKRLLFCGVG CQVQALRSVE QHLNLEKLYV LGTNCVDNGT RDGLDKFLKA ASKEPETVLH YEFMQDYKVV LKHLDGHIIE VPFYSLPAND LVDVIAPSCY SCFDYTNALA DLVIGYMGVP KYSGLNMTDH PQYITVRNER GKEMLSLVEN LLEITPTISS GDRRPFVTET VKADDAAKFG QGPAQPAPLF VGNIIAFILN LVGPKGLEFA RYSLDYHTIR NYLYVNRKWG KQRANTHMPS YAKKIVEMYN KNGQIDKMLS KK
Source	E.coli
Target Names	HCAR
Protein Names	Recommended name: 7-hydroxymethyl chlorophyll a reductase, chloroplastic EC= 1.17.7.2
Expression Region	21-462
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
Reconstitution	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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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