



Recombinant Arabidopsis thaliana Gibberellin 3-beta-dioxygenase 1 (GA4)

Product Code	CSB-BP653692DOA
Abbreviation	GA4
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.	Q39103
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MPAMLTDVFR GHPIHLPESH IPDFTSLREL PDSYKWTPKD DLLFSAAPSP PATGENIPLI DLDHPDATNQ IGHACRTWGA FQISNHGVPL GLLQDIEFLT GSLFGLPVQR KLKSARSETG VSGYGVARIA SFFNKQMWSE GFTITGSPLN DFRKLWPQHH LNYCDIVEEY EEHMKKLASK LMWLALNSLG VSEEDIEWAS LSSDLNWAQA ALQLNHYPVC PEPDRAMGLA AHTDSTLLTI LYQNNTAGLQ VFRDDLGWVT VPPFPGSLVV NVGDLFHILS NGLFKSVLHR ARVNQTRARL SVAFLWGPQS DIKISVPVKL VSPVESPLYQ SVTWKEYLRT KATHFNKALS MIRNHREE
Source	Baculovirus
Target Names	GA3OX1
Protein Names	Recommended name: Gibberellin 3-beta-dioxygenase 1 EC= 1.14.11.15 Alternative name(s): GA 3-oxidase 1 Short name= AtGA3ox1 Gibberellin 3 beta-hydroxylase 1
Expression Region	1-358
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 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. 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.