



# Recombinant Arabidopsis thaliana UDP-glycosyltransferase 78D2 (UGT78D2)

<b>Product Code</b>	CSB-EP864751DOA
<b>Abbreviation</b>	UGT78D2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9LFJ8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTKPSDPTRD SHVAVLAPFP GTHAAPLLTV TRRLASASPS TVFSFFNTAQ SNSSLFSSGD EADRPANIRV YDIADGVPEG YVFSGRPQEA IELFLQAAPE NFRREIAKAE TEVGTEVKCL MTDAFFWFAA DMATEINASW IAFWTAGANS LSAHLTYDLI RETIGVKEVG ERMEETIGVI SGMEKIRVKD TPEGVVFGNL DSVFSKMLHQ MGLALPRATA VFINSFEDLD PTLTNNLRSR FKRYLNIGPL GLLSSTLQQL VQDPHGCLAW MEKRSSGSVA YISFGTVMTP PPGELAAIAE GLESSKVPFV WSLKEKSLVQ LPKGFLDRTR EQGIVVPWAP QVELLKHEAT GVFVTHCGWN SVLESVSGGV PMICRPFFGD QRLNGRAVEV VWEIGMTIIN GVFTKDGFEK CLDKVLVQDD GKKMKCNAKK LKELAYEAVS SKGRSSEENFR GLLDAVVNII
<b>Source</b>	E.coli
<b>Target Names</b>	UGT78D2
<b>Protein Names</b>	Recommended name: UDP-glycosyltransferase 78D2 EC= 2.4.1.- Alternative name(s): Anthocyanin 3-O-glucosyltransferase Flavonol 3-O-glucosyltransferase. EC= 2.4.1.91 UDP glucose:flavonoid 3-O-glucosyltransferase
<b>Expression Region</b>	1-460
<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.



## Shelf Life

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