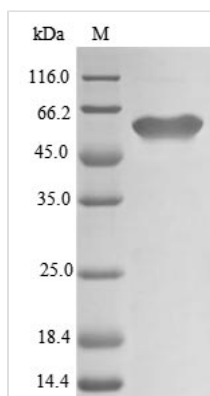




Recombinant Arabidopsis thaliana UDP-glycosyltransferase 78D1 (UGT78D1)

Product Code	CSB-EP871008DOA
Relevance	Acts as a UDP-rhamnose:flavonol-3-O-glucoside rhamnosyltransferase. Keampferol and quercetin are used as substrates. Possesses low quercetin 3-O-glucosyltransferase activity in vitro.
Abbreviation	UGT78D1
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.	Q9S9P6
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MTKFSEPIRDSHVAVLAFFPVGHAHAGPLLAVTRRLAAASPSTIFSFFNTARSNASLFSDDHPENIKVHDVSDGVPEGTMLGNPLEMVELFLEAAPRIFRSEIAAAEIEVGKKVTCMLTDAFFWFAADIAAELNATWVAFWAGGANS�CAHLYTDLIRETIGLKDVSMEETLGFIPGMENYRVKDIPEEVVFEDLDSVFPKALYQMSLALPRASAVFISSFEELEPTLNYNLRSKLRFLNIAPLTLLSSTSEKEMRDPHGCFawMGKRS AASVAYISFGTVMEPPPEELVAIAQGLESSKVPFVWSLKEKNMVHLPKGFLLDR TREQGIVVPWAPQVELLKHEAMGVNVTHCGWNSVLESVSAGVPMIGRPILAD NRLNGRAVEVWVKVGVMMDNGVFTKEGFELCLNDVFVHDDGKTMKANAKKL KEKLQEDFSMKGSSLENFKILLDEIVKV
Lead Time	3-7 business days
Research Area	Others
Source	E.coli
Gene Names	UGT78D1
Protein Names	Flavonol-3-O-glucoside L-rhamnosyltransferase UDP-rhamnose:flavonol 3-O-glucoside rhamnosyltransferase
Expression Region	1-453aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	55.6 kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.