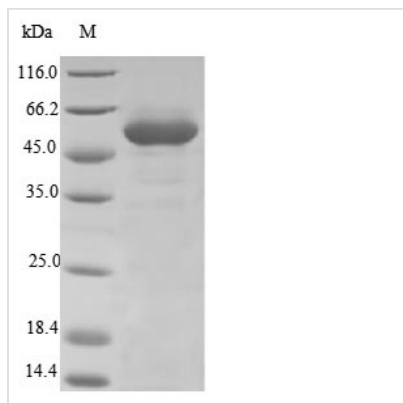




# Recombinant Arabidopsis thaliana Flavonol 3-O-glucosyltransferase UGT71C1 (UGT71C1)

<b>Product Code</b>	CSB-EP526868DOA
<b>Relevance</b>	Possesses quercetin 7-O-glucosyltransferase and 3'-O-glucosyltransferase activities in vitro. Also active in vitro on benzoates and benzoate derivatives. Glucosylates other secondary metabolites in vitro like trans-resveratrol, curcumin, vanillin and etoposide.
<b>Abbreviation</b>	Recombinant Mouse-ear cress UGT71C1 protein
<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>	O82381
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	MGKQEDAELVIIPFPFSGHILATIELAKRLISQDNPRIHTITILYWGLPFIPQADTIA FLRSLVKNEPRIRLVTLPVQDPPPMELFVEFAESYILEYVKKMVPPIREALSTLL SSRDESGSVRVAGLVLDFFCVPMIDVGNFNLPYIFLTCSAGFLGMMKYLPE RHREIKSEFNRSFNEELNLIPGYVNSVPTKVLPSGLFMKETYEPWVELAERFPE AKGILVNSYTALEPNGFKYFDRCPDNYPTIYPIGPILCSNDRPNLDSSERDRIIT WLDDQPESSVFLCFGSLKNSATQINEIAQALEIVDCKFIWSFRTNPKEYASP YEALPHGFMDRVMDQGIVCGWAPQVEILAHKAVGGFVSHCGWNSILES LGFG VPIATWPMYAEQQLNAFTMVKELGLALEMRLDYVSEDGDIVKADEIAGTVRSL MDGVDVPSKSKVKEIAEAGKEAVDGGSSFLAVKRFIGDLIDGVSISK
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	UGT71C1
<b>Protein Names</b>	Flavonol 3-O-glucosyltransferase UGT71C1 (EC:2.4.1.91)Flavonol 7-O-glucosyltransferase UGT71C1
<b>Expression Region</b>	1-481aa
<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>	N-terminal 10xHis-tagged
<b>Mol. Weight</b>	59.4 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(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.

### 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.