



Recombinant Zea mays Anthocyanidin 3-O-glucosyltransferase (BZ1)

Product Code	CSB-EP321425ZAX-B
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.	P16165
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MAPADGESSP PPHVAVVAFP FSSHAAVLLS IARALAAAAA PSGATLSFLS TASSLAQLRK ASSASAGHGL PGNLRFVEVP DGAPAAEETV PVPRQMQLFM EAAEAGGVKA WLEAARAAAG GARVTCVVGD AFVWPAADAA ASAGAPWVPV WTAASCALLA HIRTDLRED VGDQAANRVD EPLISHPGLA SYRVRDLPDG VVSGDFNYVI SLLVHRMGQC LPRSAAAVAL NTFPGLDPPD VTAALAEILP NCVFPGPYHL LLAEDDADTA APADPHGCLA WLGRQPARGV AYVSFGTVAC PRPDELRELA AGLEASAAPF LWSLREDSWT LLPPGFLDRA AGTGSGLVVP WAPQVAVLRH PSVGAFVTHA GWASVLEGVS SGVPMACRPF FGDQRMNARS VAHVWGFCAA FEGAMTSAGV AAAVEELLRG EEGAGMRARA KELQALVAEA FGPGGECRKN FDRFVEIVCR A
Source	E.coli
Target Names	BZ1
Protein Names	Recommended name: Anthocyanidin 3-O-glucosyltransferase EC= 2.4.1.115 Alternative name(s): Bronze-1 Bz-Mc2 allele Flavonol 3-O-glucosyltransferase UDP-glucose flavonoid 3-O-glucosyltransferase
Expression Region	1-471
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.



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