



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

<b>Product Code</b>	CSB-EP321425ZAX
<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>	P16165
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zea mays (Maize)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAPADGESSP PPHVAVVAFP FSSHAAVLLS IARALAAAAA PSGATLSFLS TASSLAQLRK ASSASAGHGL PGNLRFVEVP DGAPAAEETV PVPRQMQLFM EAAEAGGVKA WLEAARAAAG GARVTCVVGD AFVWPAADAA ASAGAPWVPV WTAASCALLA HIRTDSLRED 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
<b>Source</b>	E.coli
<b>Target Names</b>	BZ1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-471
<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.
<b>Shelf Life</b>	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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