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Anthocyanidin 3-O-Glucosyltransferase (BZ1) (AA 1-471) protein (His tag)



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Quantity:	1 mg
Target:	Anthocyanidin 3-0-Glucosyltransferase (BZ1)
Protein Characteristics:	AA 1-471
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details		
Sequence:	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 NCVPFGPYHL LLAEDDADTA APADPHGCLA WLGRQPARGV AYVSFGTVAC	
	PRPDELRELA AGLEASAAPF LWSLREDSWT LLPPGFLDRA AGTGSGLVVP WAPQVAVLRH	
	PSVGAFVTHA GWASVLEGVS SGVPMACRPF FGDQRMNARS VAHVWGFGAA FEGAMTSAGV	
	AAAVEELLRG EEGAGMRARA KELQALVAEA FGPGGECRKN FDRFVEIVCR A	
Specificity:	Zea mays (Maize)	
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien	
	cells or by baculovirus infection. Be aware about differences in price and lead time.	

Product Details > 90 % Purity: **Target Details** Anthocyanidin 3-O-Glucosyltransferase (BZ1) Target: Recommended name: Anthocyanidin 3-O-glucosyltransferase. Background: EC= 2.4.1.115. Alternative name(s): Bronze-1 Bz-Mc2 allele Flavonol 3-0-glucosyltransferase UDP-glucose flavonoid 3-O-glucosyltransferase UniProt: P16165 **Application Details** The yeast protein expression system is the most economical and efficient eukaryotic system Comment: for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. Restrictions: For Research Use only Handling

Format:	Lyophilized	
Concentration:	0.2-2 mg/mL	
Buffer:	Tris-based buffer, 50 % glycerol	
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week	
Storage:	-20 °C	
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.	