Recombinant Arabidopsis Thaliana GT1 Protein (1-406 aa), His-tagged

Cat. No. GT1-1114A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis Thaliana (Mouse-ear cress) GT1 Protein (1-406 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Arabidopsis Thaliana
Source	E.coli
ProteinLength	1-406 aa
Description	Probable transcription factor that binds specifically to the core DNA sequence 5'-GGTTAA-3'. May act as a molecular switch in response to light signals.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	50.7 kDa
AA Sequence	MFISDKSRPTDFYKDDHHNSSTTSTTRDMMIDVLTTTNESVDLQSHHHHNHHNHHL HQSQPQQQILLGESSGEDHEVKAPKKRAETWVQDETRSLIMFRRGMDGLFNTSKS NKHLWEQISSKMREKGFDRSPTMCTDKWRNLLKEFKKAKHHDRGNGSAKMSYYKE IEDILRERSKKVTPPQYNKSPNTPPTSAKVDSFMQFTDKGFDDTSISFGSVEANGRP ALNLERRLDHDGHPLAITTAVDAVAANGVTPWNWRETPGNGDDSHGQPFGGRVIT VKFGDYTRRIGVDGSAEAIKEVIRSAFGLRTRRAFWLEDEDQIIRCLDRDMPLGNYLL RLDDGLAIRVCHYDESNQLPVHSEEKIFYTEEDYREFLARQGWSSLQVDGFRNIEN

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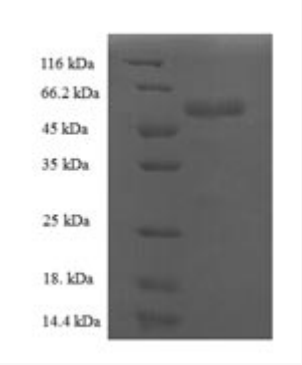
	MDDLQPGAVYRGVR
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID	Q9FX53



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

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