

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

Cat. No. GT1-1707A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis Thaliana (Mouse-ear cress) GT1 Protein (1-406 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Arabidopsis Thaliana
Source	Yeast
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	48.7 kDa
AA Sequence	MFISDKSRPTDFYKDDHHNSSTTSTTRDMMIDVLTTTNEVDLQSHHHHHNHHNHL HQSQPQQQILLGESSGEDHEVKAPKKRAETWVQDETRSLIMFRRGMDGLFNTSKS NKHLWEQISSKMREKGFDRSPTMCTDKWRNLLKEFKKAKHHDRGNLSAKMSYYKE IEDILRERSKKVTPPQYNKSPNTPPTSAKVDSFMQFTDKGFDDTSISFGSVEANGRP ALNLERRLDHGDGHPAITTAVDAVAANGVTPWNWRETPGNGDDSHGQPFGRVIT VKFGDYTRRIGVDGSAEAIKEVIRSAFGLRTRRAFWLEDEDQIIRCLDRDMPLGNLYL RLDDGLAIRVCHYDESNQLPVHSEEKIFYTEEDYREFLARQGWSSSLQVDGFRNIEN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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 reconstitution instruction is sent along with the products.

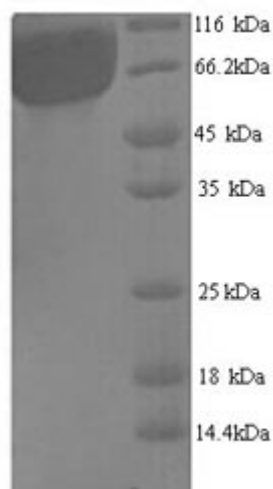
GENE INFORMATION

Gene Name	GT-1 Homeodomain-like superfamily protein [<i>Arabidopsis thaliana</i> (thale cress)]
Official Symbol	GT-1
Synonyms	T6J4.18; T6J4_18;
Gene ID	837905
mRNA Refseq	NM_101215
Protein Refseq	NP_172802
UniProt ID	Q9FX53

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA