

# Recombinant Arabidopsis thaliana (Mouse-ear cress) Trihelix transcription factor GT-1



Catalog No: #AP71514

Orders: order@signalwayantibody.com

Package Size: #AP71514-1 20ug #AP71514-2 100ug #AP71514-3 1mg

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant Arabidopsis thaliana (Mouse-ear cress) Trihelix transcription factor GT-1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-406aaSequence Info:Full Length
Other Names	Trihelix DNA-binding protein GT-1
Accession No.	Q9FX53
Uniprot	Q9FX53
GeneID	837905;
Calculated MW	50.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MFISDKSRPTDFYKDDHHNSSTTSTRDMMIDVLTNTNESVDLQSHHHHHHHHHLHQSQPQQILLGESSG EDHEVKAPKKRAETWVQDETRSLIMFRRGMDGLFNTSKSNKHLWEQISSKMREKGFDRSPTMCTDKWRNLL KEFKKAKHHDRGNGSAKMSYYKEIEDILRERSKKVTPPQYNKSPNTPPTSAKVDSEFMQFTDKGFDDTSISFGS VEANGRPALNLERRLDHDGHPLAITTAVDAVAANGVTPWNWRETPGNGDDSHGQPFGRVITVKFGDYTRRI GVDGSAEAIKEVIRSAFGLRTRRAFWEDEDQIIRCLDRDMP LGNYLLRLDDGLAIRVCHYDESNQLPVHSEEK IFYTEEDYREFLARQGWSSLQVDGFRNIENMDDLQPGAVYRGVR
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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.

## References

Analysis of GT-3a identifies a distinct subgroup of trihelix DNA-binding transcription factors in Arabidopsis.Ayadi M., Delaporte V., Li Y.F., Zhou D.X.FEBS Lett. 562:147-154(2004)Research Topic:Others

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Note: This product is for in vitro research use only