

# Recombinant Arabidopsis thaliana Probable WRKY transcription factor 2

Catalog No: #AP71564

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Package Size: #AP71564-1 20ug #AP71564-2 100ug #AP71564-3 1mg

## Description

Product Name	Recombinant Arabidopsis thaliana Probable WRKY transcription factor 2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:175-405aaSequence Info:Partial
Other Names	WRKY DNA-binding protein 2
Accession No.	Q9FG77
Uniprot	Q9FG77
GeneID	835726;
Calculated MW	29.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	FHPVSRSSSSFFQGTTEMMSVDYGNYNRSSHQSAEEVKPGSENISSNLYGIETDNQNGQNKTS DVTNT SLETVDHQEEEEQRRGDSMAGGAPAE DYNWRKYGQKLVKGSEYPRSYKCTNPNCQVKKKVERSREG HITEIYKGAHNHLKPPNRRSGMQVDGTEQVEQQQQQRDSAATWVSCNNTQQGGSNENNVEEGSTRFEY GNQSGSIQAQTGGQYESGD
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

Transcription factor. Interacts specifically with the W box (5'-(T)TGAC[CT]-3'), a frequently occurring elicitor-responsive cis-acting element.

## References

Empirical analysis of transcriptional activity in the Arabidopsis genome. Yamada K., Lim J., Dale J.M., Chen H., Shinn P., Palm C.J., Southwick A.M., Wu H.C., Kim C.J., Nguyen M., Pham P.K., Cheuk R.F., Karlin-Newmann G., Liu S.X., Lam B., Sakano H., Wu T., Yu G., Miranda M., Quach H.L., Tripp M., Chang C.H., Lee J.M., Toriumi M.J., Chan M.M., Tang C.C., Onodera C.S., Deng J.M., Akiyama K., Ansari Y., Arakawa T., Banh J., Banno F., Bowser L., Brooks S.Y., Carninci P., Chao Q., Choy N., Enju A., Goldsmith A.D., Gurjal M., Hansen N.F., Hayashizaki Y., Johnson-Hopson C., Hsuan V.W., Iida K., Karnes M., Khan S., Koesema E., Ishida J., Jiang P.X., Jones T., Kawai J., Kamiya A., Meyers C., Nakajima M., Narusaka M., Seki M., Sakurai T., Satou M., Tamse R., Vaysberg M., Wallender E.K., Wong C., Yamamura Y., Yuan S., Shinozaki K., Davis R.W., Theologis A., Ecker J.R. *Science* 302:842-846(2003) Research Topic: Others

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Note: This product is for in vitro research use only