

Recombinant Arabidopsis thaliana Probable WRKY transcription factor 40

Catalog No: #AP73131

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Package Size: #AP73131-1 20ug #AP73131-2 100ug #AP73131-3 1mg

Description

Product Name	Recombinant Arabidopsis thaliana Probable WRKY transcription factor 40
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-302aaSequence Info:Full Length
Other Names	WRKY DNA-binding protein 40
Accession No.	Q9SAH7
Uniprot	Q9SAH7
GeneID	844423;
Calculated MW	35.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MDQYSSSLVDTSLDLTIGVTRMRVEEDPPTSALVEELNRVSAENKKLSEMLTLMCDNYNVLRKQLMEYVNKS NITERDQISPPKRRKSPAREDAFSCAIVGGVSESSSTDQDEYLCKKQREETVVKQKSRVYKTEASDTTLVVK DGYQWRKYGQKVTDRDNPSPRAYFKCACAPSCSVKKKQRSVEDQSVLVATYEGEHNHPMPSQIDSNGLN RHISHGGSASTPVAANRRSSLTVPVTTVDMIESKVKTSPTSRIDFPQVQKLLVEQMASSLTKDPNFTAALAAAV TGKLYQQNHTEK
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

Arabidopsis thaliana transcription factor WRKY40.Hikaru S., Somssich I.E. Sequence and analysis of chromosome 1 of the plant Arabidopsis thaliana.Theologis A., Ecker J.R., Palm C.J., Federspiel N.A., Kaul S., White O., Alonso J., Altafi H., Araujo R., Bowman C.L., Brooks S.Y., Buehler E., Chan A., Chao Q., Chen H., Cheuk R.F., Chin C.W., Chung M.K., Conn L., Conway A.B., Conway A.R., Creasy T.H., Dewar K., Dunn P., Etgu P., Feldblyum T.V., Feng J.-D., Fong B., Fujii C.Y., Gill J.E., Goldsmith A.D., Haas B., Hansen N.F., Hughes B., Huizar L., Hunter J.L., Jenkins J., Johnson-Hopson C., Khan S., Khaykin E., Kim C.J., Koo H.L., Kremenetskaia I., Kurtz D.B., Kwan A., Lam B., Langin-Hooper S., Lee A., Lee J.M., Lenz C.A., Li J.H., Li Y.-P., Lin X., Liu S.X., Liu Z.A., Luros J.S., Maiti R., Marziali A., Militscher J., Miranda M., Nguyen M., Nierman W.C., Osborne B.I., Pai G., Peterson J., Pham P.K., Rizzo M., Rooney T., Rowley D., Sakano H., Salzberg S.L., Schwartz J.R., Shinn P., Southwick A.M., Sun H., Tallon L.J., Tambunga G., Toriumi M.J., Town C.D., Utterback T., Van Aken S., Vaysberg M., Vysotskaia V.S., Walker M., Wu D., Yu G., Fraser C.M., Venter J.C., Davis R.W.Nature 408:816-820(2000)Research Topic:Others

Note: This product is for in vitro research use only