

Recombinant Full Length Arabidopsis Thaliana Probable Leucine-Rich Repeat Receptor-Like Protein Kinase At5G05160(At5G05160) Protein, His-Tagged

Cat. No. RFL17801AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable leucine-rich repeat receptor-like protein kinase At5g05160(At5g05160) Protein (Q9FHK7) (28-640aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (28-640)
Form	Lyophilized powder
AA Sequence	DLASDEQALLNFAASVPHPPKLNWNKNLSLCSSWIGITCDESNPTSRVVAVRLPGVG LYG SIPPATLGKLDALKVLSLRNSLFGTLPDILSLPSLEYLYLQHNNFSGELTTNSL PSIS KQLVVLDSLNSLSGNIPSGLRNLSQITVLYLQNNISFDGPIDSLDLPSVKVNLNLS YNNLS GPIPEHLKKSPEYSFIGNSLLCGPPLNACSGGAISPSSNLPRPLTENLHPVR RRQSKAYI IAIVVGCSVAVLFLGIVFLVCLVKKTKKEEGGGEGVVRTQMGGVNSKKPQ DFGSGVQDPEK NKLFFFERCNHNFDLEDLLKASAEVLGKGSFGTAYKAVLEDTTAV VVKRLREVVASKKEF EQQMEIVGKINQHSNFVPLLAYYYYSKDEKLLVYKYMTKGSLF GIMHGNGRDRGVDWETRM KIATGTSKAISYLHSLKFVHGDIKSSNILLTEDLEPCLS DTSLVTLFNLPTHTPRTIGYN APEVIETRRVSQRSDVYSFGVVILEMLTGKTPLTQPG LEDERVVIDLPRWVRSVVREEWT AEVFDVELLKVFQNIIEEMVQMLQLALACVARNP

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	ESRPKMEEVARMIEDVRRLDQSQQQLQQ NRTSSEATSNVSE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	At5g05160
Synonyms	At5g05160; K2A11.3; Probable leucine-rich repeat receptor-like protein kinase At5g05160
UniProt ID	Q9FHK7

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