

Recombinant Full Length Arabidopsis Thaliana Mlo-Like Protein 2(Mlo2) Protein, His-Tagged

Cat. No. RFL25321AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana MLO-like protein 2(MLO2) Protein (Q9SXB6) (1-573aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-573)
Form	Lyophilized powder
AA Sequence	MADQVKERTLEETSTWAVAVVCFVLLFISIVLEHSIHKIGTWFKKKHKQALFEALEKV KA ELMLLGFISLLL TIGQTPISNICISQKVASTMHPCSAEEAKKYGKKDAGKKDDGD GDKP GRRLLELAESYIHRSLATKGYDKCAEKGVAFVSAYGIHQLHIFIVLAVVH VVYCIV TYAFGKIKMRTWKSWEETKTIEYQYSNDPERFRFARDTSFGRRHLNFW KTRVTLWIVC FFRQFFGSVTKVDYLALRHGFIMAHFAPGNESRFD FRKYIQRSLEKD FKT VVEISPIWF VAVLFLLTNSYGLRSYLWLPFIPLVVILIVGTKLEVIITKLGLRIQEK GDVVRGAPVVQP GDDLFWFGKPRFILFLIHLVLF TNAFQLAFFAWSTYEFNLN NCFH ESTADVIRLVGAV VQILCSYVTLPLYALVTQMGSKM KPTVFNDRVATA LKKWHHT AKNETKHGRHSGSNT PFS SRPTTP THGSSPIHLLHNFNNRSVENYPSSSPRYS GH GHHEHQFWD PESQHQAETSTH HSLAHESSEPV LASVELPPIRTSKSLRDFSFKK
Purity	Greater than 90% as determined by SDS-PAGE.

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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	MLO2
Synonyms	MLO2; At1g11310; T28P6.4; MLO-like protein 2; AtMlo2
UniProt ID	Q9SXB6

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