

Recombinant Full Length Arabidopsis Thaliana Mechanosensitive Ion Channel Protein 2, Chloroplastic(Msl2) Protein, His-Tagged

Cat. No. RFL34101AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Mechanosensitive ion channel protein 2, chloroplastic(MSL2) Protein (Q56X46) (76-673aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (76-673)
Form	Lyophilized powder
AA Sequence	CHSFSASGKAIEPAVKAVTVVLTKSHGLMQQFPFVYKLVPAVALLVFSLWGLVPFAR QGR NILLNKNDNGWKKSGTYHVMTSYVQPLLLWLGALFICRALDPVVLPTASKIVK DRLLNF VRSLSTVLAFAFAYCLSSLIQQTQKLFSETSNPSDTRNMGFQFAGKALYS WVAAVSLFME LLGFSTQKWLTAGGLGTVLITLAGREILTNFLSSVMIHATRPFVLNE WIQTKIEGYEVSG TVEHVGWWSPTIIRGEDREAIHIPNHKFTVNVVRNLTQKTHWRI KTHLAISHLDVKNINN IVADMRKVLAKNPMVEQQLHRRVFLENVIPENQALSILISCF VKTSHHEEYLGVKEAIL LDLLRVISHHRARLATPIRTIRKMYTETDVENTPFGESMYG GVTSRRPLMLIEPAYKING EDKSKSQNRAAKPTAEQENKGSNPKSKETSSPDLKAN VKVGESPVSDTNKVPEETVAKPV IKAVSKPPTPKDTETSGTEKPKAKRSGGTIKSTK TDETSSTSSASRSTLEENIVLGVAL EGSKRTLPIEEEIHSPPMETDAKELTGARRSG

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	GNGPLVADKEQKDSQSPNSGASTEP
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	MSL2
Synonyms	MSL2; At5g10490; F12B17.160; Mechanosensitive ion channel protein 2, chloroplastic; Mechanosensitive channel of small conductance-like 2; MscS-Like protein 2
UniProt ID	Q56X46

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