

Recombinant Full Length Arabidopsis Thaliana Mechanosensitive Ion Channel Protein 10(Msl10) Protein, His-Tagged

Cat. No. RFL12089AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Mechanosensitive ion channel protein 10(MSL10) Protein (Q9LYG9) (1-734aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-734)
Form	Lyophilized powder
AA Sequence	MAEQKSSNGGGGGGDVVINVPVEEASRRSKEMASPESEKGVPFKSPSPEISKLVG SPNK PPRAPNQNNVGLTQRKSFARSVYSKPKSRFVDPSCPVDTSILEEEVREQLGA GFSFSRAS PNNKSNRSGSPAPVTPSKVVVEKDEDEEIYKKVKLNREMRISKISTLAL IESAFFVVILS ALVASLTINVLKHHTFWGLEVWKWCVLVMVIFSGMLVTNWFMRLIVF LIETNFLRRKVL YFVHGLKKSQVFIWLCLILVAWILLFNHDVKRSPAATKVLKCITR TLISILTGAFFWLK KTLKKILAAANFNVNNFFDRIQDSVFHQYVLQTLGSLPLMEEAER VGREPSTGHLSFATV VKKGTVKEKKVIDMGKVHKMKREKVSATMRLVMEAVRTS GLSTISDTLDETAYGEGKEQ ADREITSEMEALAAAYHVFRNVAQPFFNYIEEEDLLR FMIKEEVDLVFPLFDGAAETGRI TRKAFTWVVKVYTSRRALAHSLNDTKTAVKQLN KLVTAILMVTVVIWLLLLLEVATTKV LLFFSTQLVALAFIIGSTCKNLFESIVFVFMHP

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YDVGDRCVVDGVAMLV EEMNLLTTVF LKLNNEKVYYPN AVLATKPISNYFRSPNMG
ETVEFSISFSTPVSKIAHLKERIAEYLEQN PQHWAPVHSV VVKEIENMNKLMALYSD
HTITFQENRERNLRRELSLAIKRMLEDLHID YTLLPQDINLT KKN

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 MSL10

Synonyms MSL10; At5g12080; F14F18.230; MXC9.3; Mechanosensitive ion channel protein 10; Mechanosensitive channel of small conductance-like 10; MscS-Like protein 10; AtMSL10

UniProt ID [Q9LYG9](#)

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