

Recombinant Full Length Arabidopsis Thaliana Mechanosensitive Ion Channel Protein 9(Msl9) Protein, His-Tagged

Cat. No. RFL6374AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Mechanosensitive ion channel protein 9(MSL9) Protein (Q84M97) (1-742aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-742)
Form	Lyophilized powder
AA Sequence	MAERRVSNGEVVINVSDKEDSKDPRASPSFNPLASPDSDAGIEKSKPVPPISIPTPE IY KFSGSVHKPPKIPSPEGLVRRKSLRSIYSKPKSRFGEQQSFRYDSTREENGGRS LREQF GAGSFARGSFDRASPNNKSNRSVASAALSKVAEEEPDENEEIYKKVKLHRV KRSGMKPLA FLELVFMAILGALIVSLTIDVVNKHTIWGLEFWKWCVLVMVTLSGML VTNWMHFVVF I EKNYLLRKKVLYFVHGLKKNVQVFIWFSLVLIAWICLFDGDVKRT RKTKRFLDFITWTI V SLLVGSILFLVKTFALKVLASKFNVRNFFERIQUESVFHQYVLQT LSGPPLIEEAENVGR VPSTGHLSFTRTKDGKVKDKKVIDMGKVHRMKQEKVSAWT MRVLIEAVGTSGISTISSTL DEVNNKKERTDKEITNEMEAVAAAYDVFNNVAKPNHN YIEEDDLLRFMIKEEVDLVLPLI EDADTGKITRKTFTWVVNVYTSRKTIGHSLNDTKT AVKQLDKLITGILTVITFIVWMVL LDIASKLLL VFSSQFLGLAFMIGSTCKNIFESFMFV

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FVMHPYDVGDRCVVDGVMLLVEE IDLLTTVFLKIDNEKVFYPNSVLISKPISNFYRSP
DMGDYVDFGIAFSTPAEKIGCLKGK IGEYLVANSQHWYPEAQVMVRAIENMNKLVL
NILVQHTINFQVYVEKSLRRTALIIAIKR ILEDLEIDYTLLPQDVNLTGHK

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 MSL9

Synonyms MSL9; At5g19520; T20D1.40; Mechanosensitive ion channel protein 9; Mechanosensitive channel of small conductance-like 9; MscS-Like protein 9; AtMSL9

UniProt ID [Q84M97](#)

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