



Recombinant Arabidopsis thaliana Magnesium transporter MRS2-3 (MRS2-3)

Product Code	CSB-CF878506DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9LJN2
Product Type	Transmembrane Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Sequence	MRGARPDEFNFSTNPSTPNTGQPTPTYAGVGGGGGGRRKKGVGVRTWLVL NSSGQSEPKE EGKHSIMRRTGLPARDLRILDPLLSYPSTVLGRERAVINLEHIKAIITAQEVLLLN SKD PSVSPFIDELQRRILCHHHATKPQEEQNSGGEPHTRVDPAQGEAGTEQSSGD QGSEAKKD AKQSLENQDGSKVLPFEFVALEACLEAASSSLEHEALRLELEAHPALDKLTSKI STLNLE RVRQIKSRLVAITGRVQKVRDELEHLLDDEDMAEMYLTEKLAQKLEDSSNSS MNESDTF EVDLPQGDEDDRLPPEFASEANRDGRYLQANDAHLLMSTQSALSRNSRGTH TSSTRSAM TNKLDVEELEMILLEAYFVQIDGILNKLSTLREYVDDTEDIYINIMLDDKQNHLLQM GVMLT TATLVMSAFIAVAGVFGMNITIELFTDNKHGPSRFIWTVIGGSIGSICLYVGAIGW CKYK RLLE
Source	in vitro E.coli expression system
Target Names	MRS2-3
Protein Names	Recommended name: Magnesium transporter MRS2-3 Alternative name(s): Magnesium Transporter 4 Short name= AtMGT4
Expression Region	1-484
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.