

Recombinant Full Length Oryza Sativa Subsp. Indica Putative Magnesium Transporter Mrs2-H(Mrs2-H) Protein, His-Tagged

Cat. No. RFL36156OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. indica Putative magnesium transporter MRS2-H(MRS2-H) Protein (A2XCA0) (1-435aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-435)
Form	Lyophilized powder
AA Sequence	MALPCAFLSAAAAANATSFSSSPESRRRCRSVHRVPSRPRPPLAPPARVMGKGNSK RKAAN TRLWMRLDRRGGCCEMILCDKSFVARRSGLPARDLRVLGPLLRSRPSILARE KAMVINLEF VRAIVTADEVLVLEPLAQEVLPFVEKLRKHFPKSLDVDDVSTHMHTEN QDGELAQDVSC YEVEGANHELPFEFQVLDFALEAVCLSYNSTISDLNRSIAIVLDDL MKSIVSTRNLERVRS LKSSLTRLLASVQKVRDEVEHILDDNEAMAHLC TARKTKGQK DLLNTILFPETRLCRTHS SIENSTGIRTCVPSDDAHILDMLEAYFKQLDGIRNRIFLV RQYIVDTEDYISIQLDNK RNELLGLQLTLIASFGIAINTFIAAAFAMNIPHRGYHFVIGV PFGQFVGATSFCLMSIV ILLFTYAWRNRLCT
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	MRS2-H
Synonyms	MRS2-H; Osl_09927; Putative magnesium transporter MRS2-H
UniProt ID	A2XCA0

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA