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

Cat. No. RFL18957OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Putative magnesium transporter MRS2-G(MRS2-G) Protein (A3BV82) (1-468aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-468)
Form	Lyophilized powder
AA Sequence	MGRRSGGRKLPFFASNASTSSSTKRTRSARRLPSLTRPRASSSPSPASPSPPPPSA SHPA PPSPPLAVSPAGAGKVGKKKAGARLWMRLDRWGVSETLHLDKGSIIRRAGL PPRDLRILG PVFSDSSSILAREKAMVINLEFIRAIVTADEILLLDPLTIDVIPFVEQLTHH LPLKNLVC GNGQPGGDDHGEKHDDSHGDQVPRLNEATGAEHELPFEFQVLELALE TVCSSFDVNVSGL ERRATPVLEELTKNVSTRNLDRVRTLKSDLTRLLAHVQKVRDEI EHLLDDNEDMAHLYLT RKQLQNQQVEALISSAASNSIVPGGTSLSRLNNSFRRSVSI ATSMHLDNDVEDLEMLLEA YFMQLDGIRNRILSVREYIDDTEDYVNIQLDNQRNELIQ LQLTLTIASFGIAVNTFIAGA FAMNIQSKLYSIDDGSFFWPFVGGTSSGCFMICIVLLW YARWKKLLGP
Purity	Greater than 90% as determined by SDS-PAGE.

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

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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	MRS2-G
Synonyms	MRS2-G; Os10g0545000; LOC_Os10g39790; OsJ_28078; OSJNBa0001O14.11; Putative magnesium transporter MRS2-G
UniProt ID	A3BV82

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