

Magnesium transporter MRS2-B (MRS2-B), Recombinant Protein

Cat RP10870

Species

Oryza sativa subsp. indica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. indica Magnesium transporter MRS2-B (MRS2-B)

Product Synonym Names

Recombinant Magnesium transporter MRS2-B (MRS2-B); Magnesium transporter MRS2-B

Product Gene Name

MRS2-B recombinant protein

Product Synonym Gene Name

MRS2-B; Osl_23924

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MSAAAASSAA GDSAKQPLLH HQRGNPPHVA SVSSPSLPSA PPGALAGGRR FPGGLDVPNL KKRGGGTRSW
IRVEAATASV QTLEVDKATM MRRCELPARD LRLDPLFVY PSTILGRERA IVVNLEQIRC VITADEVLLL
NSLDSYVLQY AAELQRRLLQ RAEGDELPFE FRALELALEA ACSFLDAQAA ELEIEAYPLL DELTSKISTL
NLERVRLKLS RLVALTRRVQ KVRDEIEQLM DDDGDMAEMY LSEKKLRTEA SFYGDQSMLG YNSVGDGTSF
SAPVSPVSSP TESRKLEKAF SLCRSRHDSV KSSDNTATEH IQELEMLEA YFVVIDSTLN KLTSKEYID
DTEDFINIQL DNVRNQLIQF ELLLTATFV VAIFGVVAGI FGMNFETSVF SIQNAFQWVL IITGVIGAFI
FCGFLWFFKY KRLMPL

Sequence Positions

1-436

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

48,473 Da

Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

Protein Family

Magnesium transporter

UniProt Gene Name

MRS2-B

UniProt Protein Name

Magnesium transporter MRS2-B

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Magnesium transporter MRS2-B (MRS2-B), Recombinant Protein

Cat *RP10870*

UniProt Entry Name

MRS2B_ORYSI

UniProt Primary Accession

A2YFN7

UniProt Comments

Function: Magnesium transporter that may mediate the influx of magnesium By similarity. Subcellular location: Membrane; Multi-pass membrane protein By similarity. Sequence similarities: Belongs to the CorA metal ion transporter (MIT) (TC 1.A.35.5) family.

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