

Recombinant Human MRS2 Protein (Full Length), N-His tagged

Cat. No. MRS2-01HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human MRS2 magnesium homeostasis factor homolog (<i>S. cerevisiae</i>) (MRS2), full length, with N-terminal HIS tag, expressed in <i>E. coli</i> .
Species	Human
Source	<i>E. coli</i>
ProteinLength	Full Length
Description	Enables magnesium ion transmembrane transporter activity. Involved in mitochondrial magnesium ion transmembrane transport. Located in mitochondrion.
Molecular Mass	50.1 kDa
Purity	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

 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

Concentration > 0.05 µg/µL as determined by microplate BCA method

Storage Buffer 50 mM Tris-HCl, pH 8.0, 8 M urea

GENE INFORMATION

Gene Name MRS2 magnesium transporter MRS2 [Homo sapiens (human)]

Official Symbol MRS2

Synonyms MRS2; magnesium transporter MRS2; HPT; MRS2L; magnesium transporter MRS2 homolog, mitochondrial; MRS2, magnesium transporter; MRS2-like protein; MRS2-like, magnesium homeostasis factor; putative magnesium transporter

Gene ID 57380

mRNA Refseq NM_020662

Protein Refseq NP_065713

MIM 619307

UniProt ID Q9HD23

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SDS-PAGE

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