

Product datasheet for **TP761653**

MRS2 (NM_020662) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	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> , 50ug
Species:	Human
Expression Host:	<i>E. coli</i>
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length MRS2
Tag:	N-His
Predicted MW:	50.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065713
Locus ID:	57380
UniProt ID:	Q9HD23
RefSeq Size:	1993
Cytogenetics:	6p22.3
RefSeq ORF:	1329
Synonyms:	HPT; MRS2L



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Summary: Magnesium transporter that mediates the influx of magnesium into the mitochondrial matrix (PubMed:11401429, PubMed:18384665). Required for normal expression of the mitochondrial respiratory complex I subunits (PubMed:18384665).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors, Transmembrane

Product images:

