Recombinant Full Length Human MRS2 Protein, GST-tagged

Cat. No. MRS2-6513HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MRS2L full-length ORF (AAH01028, 1 a.a. - 117 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	117 amino acids
Description	MRS2 (MRS2, Magnesium Transporter) is a Protein Coding gene. Diseases associated with MRS2 include Basilar Artery Occlusion. Among its related pathways are Miscellaneous transport and binding events and Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds. GO annotations related to this gene include magnesium ion transmembrane transporter activity.
Molecular Mass	38.61 kDa
AA Sequence	MECLRSLPCLLPRAMRLPRRTLCALALDVTSVGPPVAACGRRANLIGRSRAAQLCG PDRLRVAGEVHRFRTSDVSQATLASVAPVFTVTKFDKQGNVTSFVFESCDNSRVSS DIRLS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MRS2 MRS2 magnesium homeostasis factor homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	MRS2
Synonyms	MRS2; MRS2 magnesium homeostasis factor homolog (S. cerevisiae); MRS2 like, magnesium homeostasis factor (S. cerevisiae) , MRS2L; magnesium transporter MRS2 homolog, mitochondrial; MRS2-like protein; MRS2-like, magnesium homeostasis factor; HPT; MRS2L; MGC78523;
Gene ID	57380
mRNA Refseq	NM_020662
Protein Refseq	NP_065713
MIM	619307
UniProt ID	Q9HD23

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