

Recombinant Human MPV17

Cat. No. MPV17-28635TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MPV17 with N terminal proprietary tag; Predicted MWt 45.43 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	176 amino acids
Description	This gene encodes a mitochondrial inner membrane protein that is implicated in the metabolism of reactive oxygen species. Mutations in this gene have been associated with the hepatocerebral form of mitochondrial DNA depletion syndrome (MDDS).
Molecular Weight	45.430kDa inclusive of tags
Tissue specificity	Ubiquitous. Expressed in pancreas, kidney, muscle, liver, lung, placenta, brain and heart.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MALWRAYQRALAAHPWKVQVLTAGSLMGLGDIISQQLVER RGLQEHQGRGRTLTMV
SLGCGFVGPVVGWYKVLDRFIPGT TKVDALKKMLLDQGGFAPCFLGCFPLVVGAL
NGLSAQDNW AKLQRDYPDALITNYLWPAVQLANFYLVPLHYRLAVVQC VAVIWN
SYLSWKAHRL

Sequence Similarities

Belongs to the peroxisomal membrane protein PXMP2/4 family.

GENE INFORMATION

Gene Name

MPV17 MpV17 mitochondrial inner membrane protein [Homo sapiens]

Official Symbol

MPV17

Synonyms

MPV17; MpV17 mitochondrial inner membrane protein; MpV17 transgene, murine homolog, glomerulosclerosis; protein Mpv17; glomerulosclerosis; SYM1;

Gene ID

4358

mRNA Refseq

NM_002437

Protein Refseq

NP_002428

MIM

137960

Uniprot ID

P39210

Chromosome Location

2p23.3

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Pathway	Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;
Function	molecular_function;

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