

# Recombinant Full Length Human MPV17 Protein, GST-tagged

**Cat. No.** MPV17-6335HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MPV17 full-length ORF ( NP_002428.1, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 176 amino acids                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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).<br>[provided by RefSeq] |
| <b>Molecular Mass</b>   | 46.1 kDa                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MALWRAYQRALAAHPWKVQVLTAGSLMGLGDIISQQLVERRGLQEHQGRGRTLTMV<br>SLGCGFVGPVVGWYKVLDRFIPGTTKVDALKKMLLDQGGFAPCFLGCFLPLVGAL<br>NGLSAQDNWAKLQRDYPDALITNYYLWPAVQLANFYLVPLHYRLAVVQCVAVIWNS<br>YLSWKAHRL                                                                               |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                      |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                    |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                             |
| <b>Gene Name</b>        | MPV17 MpV17 mitochondrial inner membrane protein [ Homo sapiens ]                                                                                                                                                           |
| <b>Official Symbol</b>  | MPV17                                                                                                                                                                                                                       |
| <b>Synonyms</b>         | MPV17; MpV17 mitochondrial inner membrane protein; MpV17 transgene, murine homolog, glomerulosclerosis; protein Mpv17; glomerulosclerosis; SYM1; Mpv17, human homolog of glomerulosclerosis and nephrotic syndrome; MTDPS6; |
| <b>Gene ID</b>          | 4358                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>      | NM_002437                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>   | NP_002428                                                                                                                                                                                                                   |
| <b>MIM</b>              | 137960                                                                                                                                                                                                                      |
| <b>UniProt ID</b>       | P39210                                                                                                                                                                                                                      |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA