

Recombinant Human MPV17 Protein (1-176 aa), His-SUMO-tagged

Cat. No. MPV17-662H **Lot. No.** (See product label)

SPECIFICATION

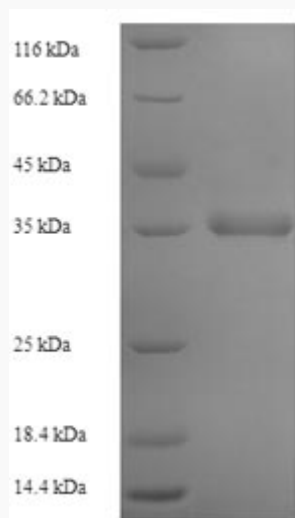
Product Overview	Recombinant Human MPV17 Protein (1-176 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-176 aa
Description	Involved in mitochondria homeostasis. May be involved in the metabolism of reactive oxygen species and control of oxidative phosphorylation and mitochondrial DNA (mtDNA) maintenance.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	35.7 kDa
AA Sequence	MALWRAYQRALAAHPWKVQVLTAGSLMGLGDIISQQLVERRGLQEHQGRGRTLTMV SLGCGFVGPPVGGWYKVLDRFIPGTTKVDALKKMLLDQGGFAPCFLGCFLPLVGAL NGLSAQDNWAKLQRDYPDALITNYYLWPAVQLANFYLVPLHYRLAVVQCVAVIWNS YLSWKAHRL
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	MPV17 MpV17 mitochondrial inner membrane protein [Homo sapiens]
Official Symbol	MPV17
Synonyms	MPV17; protein Mpv17; glomerulosclerosis; SYM1; MTDPS6;
Gene ID	4358
mRNA Refseq	NM_002437
Protein Refseq	NP_002428
MIM	137960
UniProt ID	P39210



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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