

Recombinant Human Protein Mpv17(MPV17)

Catalog No: #AP70556

Package Size: #AP70556-1 20ug #AP70556-2 100ug #AP70556-3 1mg

Description

Product Name	Recombinant Human Protein Mpv17(MPV17)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-176aaSequence Info:Full Length
Accession No.	P39210
Calculated MW	35.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MALWRAYQRALAAHPWKVQVLTAGSLMGLGDIISQQLVERRGLQEHRGRTLTMVSLGCGFVGPVVGWY KVLDRFIPGTTKVDALKKMLLDQGGFAPCFLGCFLLPLVGALNGLSAQDNWAKLQRDYPDALITNYYLWPAVQL ANFYLVPLHYRLAVVQCVAVIWNSYLSWKAHRL
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Involved in mitochondria homeostasis. May be involved in the metabolism of reactive oxygen species and control of oxidative phosphorylation and mitochondrial DNA (mtDNA) maintenance.

References

Identification of rare DNA variants in mitochondrial disorders with improved array-based sequencing.Wang W., Shen P., Thiyagarajan S., Lin S., Palm C., Horvath R., Klopstock T., Cutler D., Pique L., Schrijver I., Davis R.W., Mindrinos M., Speed T.P., Scharfe C.Nucleic Acids Res. 39:44-58(2011)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.