

RefSeq ORF: 633

Synonyms: AOEB1; AOEB166; AOPP; P; PLP; PMP; Pmp20; Prd; Prdx6; PrxV

Summary: This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein plays an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. The use of alternate transcription start sites may result in use of alternate in-frame translation start codons that generate alternate isoforms that are targeted to the mitochondrion or peroxisome/cytoplasm. [provided by RefSeq, Nov 2017]