

Recombinant Human PRDX5

Catalog No: #GP10718



Package Size: #GP10718-1 100ug

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Description

Product Name	Recombinant Human PRDX5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 56-214 amino acids of human peroxiredoxin 5
Target Name	peroxiredoxin 5
Other Names	PLP; ACR1; B166; PRXV; PMP20; PRDX6; SBBI10; AOEB166
Accession No.	Swissprot:P30044Gene Accession:BC113723
Uniprot	P30044
GeneID	25824;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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