

PRDX5 抗原（重组蛋白）

中文名称： PRDX5 抗原（重组蛋白）

英文名称： PRDX5 Antigen (Recombinant Protein)

别名： PLP; ACR1; B166; PRXV; PMP20; PRDX6; SBBI10; AOEB166

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 56-214 amino acids of human PRDX5

技术规格

Full name:	peroxiredoxin 5
Synonyms:	PLP; ACR1; B166; PRXV; PMP20; PRDX6; SBBI10; AOEB166
Swissprot:	P30044
Gene Accession:	BC113723
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the peroxiredoxin family of anti oxidant 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.