

PDIA5 抗原（重组蛋白）

中文名称：PDIA5 抗原（重组蛋白）

英文名称： PDIA5 Antigen (Recombinant Protein)

别名： protein disulfide isomerase family A member 5; PDIR

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 22-262 amino acids of human PDIA5

技术规格：

Full name:	protein disulfide isomerase family A member 5
Synonyms:	PDIR
Swissprot:	Q14554
Gene Accession:	BC001625
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 disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, three catalytically active thiorodoxin (TRX) domains, a TRX-like domain, and a C-terminal ER-retention sequence. The N-terminal TRX-like domain is the primary binding site for the major ER chaperone calreticulin and possibly other

r proteins and substrates as well. Alternative splicing results in multiple protein- and non-protein-coding transcript variants.