

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：

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