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Product datasheet for AR09624PU-N

PDIA4 (21-645, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PDIA4 (21-645, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MVAGAEGPDE DSSNRENAIE DEEEEEEEDD DEEEDDLEVK EENGVLVLND ANFDNFVADK DTVLLEFYAP WCGHCKQFAP EYEKIANILK DKDPPIPVAK IDATSASVLA SRFDVSGYPT IKILKKGQAV DYEGSRTQEE IVAKVREVSQ PDWTPPPEVT LVLTKENFDE VVNDADIILV EFYAPWCGHC KKLAPEYEKA AKELSKRSPP IPLAKVDATA ETDLAKRFDV SGYPTLKIFR KGRPYDYNGP REKYGIVDYM IEQSGPPSKE ILTLKQVQEF LKDGDDVIII GVFKGESDPA YQQYQDAANN LREDYKFHHT FSTEIAKFLK VSQGQLVVMQ PEKFQSKYEP RSHMMDVQGS TQDSAIKDFV LKYALPLVGH RKVSNDAKRY TRRPLVVVYY SVDFSFDYRA ATQFWRSKVL EVAKDFPEYT FAIADEEDYA GEVKDLGLSE SGEDVNAAIL DESGKKFAME PEEFDSDTLR EFVTAFKKGK LKPVIKSQPV PKNNKGPVKV VVGKTFDSIV MDPKKDVLIE FYAPWCGHCK QLEPVYNSLA KKYKGQKGLV IAKMDATAND VPSDRYKVEG FPTIYFAPSG DKKNPVKFEG GDRDLEHLSK FIEEHATKLS RTKEEL
Tag:	His-tag
Predicted MW:	72.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M Nacl, 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PDIA4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_004902

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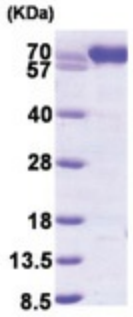
Locus ID:	9601
UniProt ID:	P13667, A0A090N8Y2
Cytogenetics:	7q36.1
Synonyms:	ERp-72; ERP70; ERP72
Summary:	This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, three catalytically active thioredoxin (TRX) domains, two TRX-like domains and a C-terminal ER-retention sequence. This protein, when bound to cyclophilin B, enhances the rate of immunoglobulin G intermolecular disulfide bonding and antibody assembly. [provided by RefSeq, Dec 2016]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Vibrio cholerae infection

Product images:



15% SDS-PAGE (3ug)