9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2653: PDIA4 Recombinant Protein

Alternative Name : Endoplasmic reticulum resident protein 72,ERP70,ERP72.

Description

Source : Escherichia Coli. PDIA4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 646 amino acids (21-645 a.a.) and having a molecular weight of 72.9kDa. The PDIA4 is fused to 21a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques. PDIA4 is an endoplasmic reticulum luminal protein that is a stress protein as well as a member of the protein disulfide isomerase family of proteins. PDIA4 participates in the catalysis of protein-S-S-bond rearrangement. PDIA4 and PDIA3 function as proteases, protein disulfide isomerases, phospholipases or an arrangement of these.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The PDIA4 1mg/ml protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT, 0.1M NaCl and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	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.

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