

# Human PDIA4 Recombinant Protein



RPPB2085

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## Product Information    Protein Information

**Product SKU:**

RPPB2085

**Accession:**

P13667

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Endoplasmic reticulum resident protein 72, ERP70, ERP72.

**Formulation:**

The PDIA4 1mg/ml protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT, 0.1M NaCl and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MGSSHHHHHH SGLVPRGSH MVAGAEGPDE DSSNRENAIE DEEEEEEDD DEEDDLEVK EENGVLVLND  
ANFDNFVADK DTVLLEFYAP WCGHCKQFAP EYEKIANILK DKDPPPIPAK IDATSASVLA SRFDVSGYPT  
IKILKKGQAV DYEGSRTQEE IVAKVREVSQ PDWTTPPEVT LVLTKENFDE VVNDADIILV EFYAPWCGHC  
KKLAPEYEKA AKELSKRSPP IPLAKVDATA ETDLAKRFDV SGYPTLKIFR KGRPYDYNGP REKYGIVDYM  
IEQSGPPSKE ILTLKQVQEF LKDGDDVIII GVFKGESDPA YQQYQDAANN LREDYKFHHT FSTEIAKFLK  
VSQQLVVMQ PEKFSQKYEP RSHMMDVQGS TQDSAIFDV LKYLPLVGH RKVSNDAKRY TRRPLVVVYY  
SVDFSFYRA ATQFWRSKVL EVAKDFPEYT FAIADEEDYA GEVKDLGLSE SGEDVNAAIL DESGKKFAME  
PEEFSDTLR EFVTAFKKGK LKPKVIKSPV PKNNKGPVKV VVGKTFDSIV MDPKDVLIIE FYAPWCGHCK  
QLEPVYNSLA KKYKGQKGLV IAKMDATAND VPSDRYKVEG FPTIYFAPSG DKKNPVKFEG GDRDLEHLSK  
FIEEHATKLS RTKEEL