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Datasheet for ABIN667814

PDIA4 Protein (AA 21-645) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	PDIA4
Protein Characteristics:	AA 21-645
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDIA4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	PDIA4, 21-645aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	PDIA4
Alternative Name:	PDIA4 (PDIA4 Products)
Background:	PDIA4, also known as ERP72, is an endoplasmic reticulum luminal protein that is both a stress protein and a member of the protein disulfide isomerase family of proteins. It is involved in the catalysis of protein-S-S-bond rearrangement. PDIA3 and PDIA4 act as proteases, protein disulfide isomerases, phospholipases or a combination of these. Recombinant human PDIA4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using

Target Details

conventional chromatography techniques. Synonyms: Endoplasmic reticulum resident protein 72, ERP70, ERP72, Protein disulfide-isomerase A4. NCBI no.: NP_004902

Molecular Weight: 72.9 kDa (646aa), confirmed by MALDI-TOF

Pathways: [Thyroid Hormone Synthesis](#), [Cell Redox Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

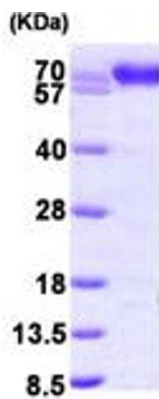
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol

Storage: 4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.