

For Research Use Only

Recombinant Human PDIA6 protein (rFc Tag)



Catalog Number: Eg5454

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Human PDIA6 protein Leu20-Leu440 (Accession# Q15084-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

10130

Accession:

Q15084-1

Predicted Molecular Mass:

71.8 kDa

SDS-PAGE:

68-85 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

PDIA6 (Protein disulfide-isomerase A6) is also known as ERP5, P5, and TXNDC7 and belongs to the protein disulfide isomerase family. It is one of the endoplasmic reticulum (ER) resident proteins that catalyze the formation, reduction, and isomerization of disulfide bonds in proteins and are thought to play a role in the folding of disulfide-bonded proteins.

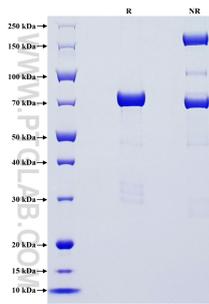
References

- 1.Hayano, T, and M Kikuchi. Gene vol. 164,2 (1995): 377-8.
- 2.Galligan, James J, and Dennis R Petersen. Human genomics vol. 6,1 6. 5 Jul. 2012,

Synonyms

EC:5.3.4.1, ER protein 5, ERp5, P5, Protein disulfide isomerase A6

Selected Validation Data



Purity of Recombinant Human PDIA6 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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