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Datasheet for ABIN1945382

PDIA5 Protein (AA 22-262) (His tag)

Overview

Quantity:	50 µg
Target:	PDIA5
Protein Characteristics:	AA 22-262
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDIA5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Protein Disulfide-Isomerase A5/PDIA5 (C-6His)
Sequence:	SSAKVSSLIE RISDPKDLKK LLRTRNNVLV LYSKSEVAAE NHLRLLSTVA QAVKGQGTIC WVDCGDAESR KLCKKMKVDL SPKDKKVLEF HYQDGAFHTE YNRAVTFKSI VAFLKDPKGP PLWEEDPGAK DVVHLDSEKD FRRLLKKEEK PLLIMFYAPW CSMCKRMMMPH FQKAATQLRG HAVLAGMNVY SSEFENIKKEE YSVRGFPTIC YFEKGRFLFQ YDNYGSTAED IVEWLKKVWP LVDHHHHHHH
Characteristics:	Recombinant Human PDIA5 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 22-262) of Human PDIA5 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PDIA5
Alternative Name:	PDIA5 (PDIA5 Products)
Background:	Protein disulfide-isomerase A5 is a 519 amino acids protein that belongs to the protein disulfide isomerase family. It contains 3 thioredoxin domains. It can catalyze the rearrangement of -S-S- bonds in proteins.
Molecular Weight:	28.8 kDa
UniProt:	Q9BV43
Pathways:	Maintenance of Protein Location , Cell Redox Homeostasis

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months