

Recombinant Human PDIA5 protein, His-tagged

Cat. No. PDIA5-1617H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDIA5 protein(1-262 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-262 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MARAGPAWLLLAIWVVLPSWLSSAKVSSLIERISDPKDLKLLRTRNNVLVLYSKSEV AAENHLRLLSTVAQAVKGQGTICWVDCGDAESRKLCCKMKVDLSPKDKKVELFHYQ DGAFHTEYNRAVTFKSIVAFLKDPKGPPLWEEDPGAKDVVHLDSEKDFRRLKKKEEK PLLIMFYAPWCSMCKRMMPHFQKAATQLRGHAVLAGMNVYSSEFENIKEEYSVRGF PTICYFEKGRFLFQYDNYGSTAEDIVEWLKKVWPL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
	Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PDIA5 protein disulfide isomerase family A, member 5 [Homo sapiens]
Official Symbol	PDIA5
Synonyms	PDIA5; protein disulfide isomerase family A, member 5; protein disulfide isomerase associated 5; protein disulfide-isomerase A5; FLJ30401; PDIR; protein disulfide isomerase-associated 5; protein disulfide isomerase-related protein;
Gene ID	10954
mRNA Refseq	NM_006810
Protein Refseq	NP_006801
UniProt ID	Q14554

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