

PDIA5 Protein, Human (HEK293, His)

Cat. No.:	HY-P71192
Synonyms:	Protein disulfide-isomerase A5; Protein disulfide isomerase-related protein; PDIA5; PDIR
Species:	Human
Source:	HEK293
Accession:	Q14554-2 (S22-L262)
Gene ID:	10954
Molecular Weight:	Approximately 30 kDa

PROPERTIES

AA Sequence	<p> S S A K V S S L I E R I S D P K D L K K L L R T R N N V L V L Y S K S E V A A E N H L R L L S T V A Q A V K G Q G T I C W V D C G D A E S R K L C K K M K V D L S P K D K K V E L F H Y Q D G A F H T E Y N R A V T F K S I V A F L K D P K G P P L W E E D P G A K D V V H L D S E K D F R R L L K K E E K P L L I M F Y A P W C S M C K R M M P H F Q K A A T Q L R G H A V L A G M N V Y S S E F E N I K E E Y S V R G F P T I C Y F E K G R F L F Q Y D N Y G S T A E D I V E W L K K V W P L </p>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	<p>The PDIA5 protein is responsible for catalyzing the rearrangement of disulfide (-S-S-) bonds in proteins. This important function allows for the proper folding and stabilization of proteins by facilitating the correct formation of disulfide bonds. PDIA5 plays a crucial role in maintaining protein structure and function, ensuring that proteins are correctly folded and can perform their designated biological tasks effectively.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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