

32-7783: Recombinant Human Protein Disulfide-Isomerase A4/PDIA4 (C-6His)

Gene : PDIA4
Gene ID : 9601
Uniprot ID : P13667

Description

Source: Human Cells.
MW :71.7kD.

Recombinant Human Protein Disulfide-Isomerase A4 is produced by our Mammalian expression system and the target gene encoding Val21-Leu645 is expressed with a 6His tag at the C-terminus. Protein Disulfide-Isomerase A4 (PDIA4) is an endoplasmic reticulum luminal protein that belongs to the protein disulfide isomerase family. Human PDIA4 is synthesized as a 625 amino acid precursor that contains a 20 amino acid signal sequence, and a 625 amino acid mature chain, including three thioredoxin domains. PDIA4 catalyzes the rearrangement of -S-S- bonds in proteins and is thought to be a deoxycytidine kinase. In addition, PDIA4 serves as a proteases protein disulfide isomerase, phospholipase or an arrangement of these.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl,10%Glycerol,pH7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : VAGAEGPDEDSSNRENAIEDEEEEEEDDDEEEDDLEVKKEENGVLVLDANFDNFDKDTVLLEFYAPWCG
HCKQFAPEYEKIANILKDKDPPVAKIDATSASVLASRFDVSGYPTIKILKKGQAVDYEGSRTQEEIVAKVREVSQ
PDWTPPEVTLVLTKENFDEVVNDADIILVEFYAPWCGHCKKLAPEYEKAAKELSKRSPPIPLAKVDATAETDLA
KRFDVSGYPTLKIFRKGPRPYDYNPREKYGIVDYMIEQSGPPSKEILTKQVQEFKLDGDDVIIIIGVFKGESDPAY
QQYQDAANNLREDYKFHHTFSTEIAKFLKVSQQLVVMQPEKFQSKYEPRSHMMDVQGSTQDSAIDKDFVLKY
ALPLVGHKVSNDAKRYTRRPLVVVYVSDFSFYRAATQFWRSKVLEVAKDFPEYTFIAIDEEDYAGEVKDLG
LSESGEDVNAAILDESGKKFAMEPEEFSDTLREFVTAFFKKGKLPVIKSPVVPKNNKGPVKVVVGKTFDSIVMD
PKKDVLIEFYAPWCGHCKQLEPVYNSLAKKYKGQGLVIKMDATANDVPSDRYKVEGFPTIYFAPSGDKKNPV
KFEGGDRDLEHLSKFIEEHATKLSRTKEELLDDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.