9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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TXNDC17 Human

Thioredoxin Domain Containing 17 Human Recombinant
RCP2482

Product Overview

Name	TXNDC17 Human
Description	
Thioredoxin Domain Containing 17 Human Recombinant	
Accession (Primary)	Q9BRA2
Synonyms	
Thioredoxin domain containing 17, Thioredoxin-like protein 5, Protein 42-9-9, thioredoxin (Trx)-related protein 14 kDa, TRP14, TXNL5, MGC14353.	
Introduction	
TXNDC17 is a disulfide reductase that takes part in several redox reactions using the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. TXNDC17 has peroxidase activity and assists to eliminate cellular hydrogen peroxide.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The TXNDC17 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM Nacl and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MARYEE VSVSGFEEFH RAVEQHNGKT IFAYFTGSKD AGGKSWCPDC VQAEPVVREG LKHISEGCVF IYCQVGEKPY WKDPNNDFRK NLKVTAVPTL LKYGTPQKLV ESECLQANLV EMLFSED	
Precautions	
TXNDC17 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9BRA2)