

Recombinant Yeast Thioredoxin Reductase (NAPH)

Catalog No.	CSI12670 CSI12671 CSI12672	Quantity:	5 µg 20 µg 1.0 mg
Alternate Names:	NAPH thioredoxin reductase, NTR, TrxR		
Description:	Recombinant Yeast Thioredoxin Reductase (NADPH) is a single, non-glycosylated polypeptide chain.		
Source:	<i>E. coli</i>		
Molecular Weight:	36 kDa		
Formulation:	Lyophilized from a sterile filtered solution. Each mg of protein contains 20 mM phosphate buffer, pH 7.4 + 0.15 M sodium chloride.		
Purity:	> 98% as determined by SDS-PAGE and RP-HPLC analyses		
Endotoxin Level:	< 0.1 ng/µg of NTR		
Specific Activity:	5 IU/mg. One unit equals the change in absorbance at 412 nm per minute at 25°C using 0.2 M NADPH containing 5 mM DTNB, pH 7.0.		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with sterile distilled water.		
Storage & Stability:	Lyophilized protein is stable for 3 weeks at 2-4°C or at -20°C to -80°C for longer storage. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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