

**Product:** Yeast Thioreduxin Reductase (YNTR), recombinant  
**Catalog #:** 12-4324  
**Amount:** 5 µg

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**DESCRIPTION:** Recombinant Yeast Thioreduxin Reductase (ryNTR)  
ryNTR is a single, non-glycosylated, polypeptide chain having a molecular mass of 36kDa.

**SOURCE:** *Escherichia coli* expression system

**PURITY:** > 95%, as determined by:  
(a) Analysis by RP-HPLC and anion-exchange FPLC  
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

**ENDOTOXIN:** Less than 0.1 ng/µg (IEU/µg) of ryNTR

**DIMERS & AGGREGATES:** Less than 1% as determined by silver stained SDS-PAGE gel analysis

**FORM:** Purified, in PBS, pH 7.4

**STORAGE:** -20°C (aliquot), avoid freezing and thawing cycles

**BIOLOGICAL ACTIVITY:** ryNTR is fully biologically active when compared to standard  
Unit Definition: One unit equals the change in absorbance at 412 nm per minute at 25°C using 0.2mM NADPH containing 5mM DTNB (pH 7.0)  
The specific activity was found to be 5IU/mg.

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