

## SUMMARY

shipped at RT; store at -20 °C

For research use only

## Product Description

Tet Repressor (B) Protein, purified Tet-Repressor (B) protein from *Escherichia coli* transposon Tn10 (Accession no. P04483).

Size of monomer protein: 23 kDa protein

**Note: Tet Repressor (B) protein is prone to form difficult to denature dimers. Additionally, TetR (B) can form intermolecular disulfide bridges if not properly reduced.**

## Application

One unit contains 1 µg lyophilized Tet-Repressor Protein.

Please dilute to your desired concentration in 1 x ZAP or dilute directly in 2 x SDS loading buffer. When resuspending in SDS loading buffer incubate 40 minutes at 4 °C for complete dissolving.

As a starting point use 1-10 ng per lane in Western blotting experiments. For example, mix 1 µl TetR protein of a 10 ng/µl solution with 10 µl SDS loading buffer (10 ng) and incubate 10 minutes at 65 °C before loading onto the gel.

### Storage Buffer

1 x ZAP  
5 mM DTT  
50% Glycerol

### 1 x ZAP

10 mM Tris-HCl, pH 8.0  
200 mM NaCl  
1 mM Dithiothreitol (DTT)

### 2 x SDS Loading Buffer

100mM Tris pH 6.8  
4% SDS  
20% Glycerol  
4% Beta-mercaptoethanol  
0.2% Bromophenol Blue

# TET-Repressor Protein, Positive Control

Product Information Sheet  
# TETR1



## Order Information, Shipping and Storage

Order#	Product	Quantity
TETR1	TET-Repressor Protein, Positive Control	1 µg
shipped at RT; store at -20 °C		

## Contact and Support

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### Customer Service – General inquiries & orders

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