

TET-Repressor Protein, Positive Control

Product Information Sheet # TETR1



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SUMMARY

shipped at RT
long-term storage: -20°C
short-term storage: 4°C

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

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Order Information, Shipping and Storage

Order#	Product	Quantity
TETR1	TET-Repressor Protein, Positive Control	1 µg
shipped at RT; long-term storage: -20°C, short-term storage: 4°C		