

**DR1, 1-176aa, Human, His tag, E.coli**

**Cat.NO.: TP01921**

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3th Edition

**Synonyms:**Down-regulator of transcription 1, TBP-binding, NC2, NC2-BETA

**Description:**DR1, also known as NC2-beta, is a TBP (TATA box-binding protein) associated phosphoprotein that represses both basal and activated levels of transcription. The protein is phosphorylated in vivo and this phosphorylation affects its interaction with TBP.

**Form:**Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 100 mM NaCl, 0.1 mM PMSF ,10% Glycerol

**Molecular Weight:**21.6 kDa(196aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMASSSGNDDLTIPRAAINKMIKETLPNVRVANDARELVVNCCTEFIHLISSEANEI  
CNKSEKKTISPEHVIALES LGFGSYISEVKEVLQECKTVALKRRRKASSRLENLGIPEEELLRQQQELFAKARQQQAE  
LAQQEWLQMQQAAQQAQLAAASASASNQAGSSQDEEDDDDI

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.