

## DCTD Recombinant Protein

**CATALOG NO.:** XW-RP3060

**BACKGROUND:**

DCTD catalyzes the deamination of dCMP to dUMP, thus providing the nucleotide substrate for thymidylate synthase. DCTD is allosterically activated by dCTP and inhibited by dTTP.

**SOURCE:** E. coli

**PURITY:** >95%

**BUFFER:** 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN<sub>3</sub>

**FUSION PARTNER:** T7 tag at N-terminus

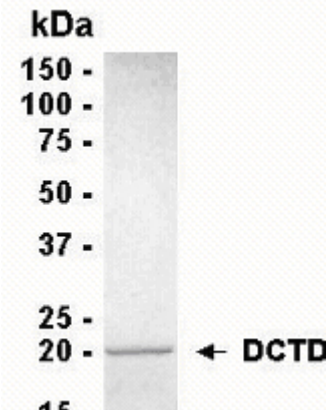
**DOMAIN:** aa. 1-178

**MOLECULAR WEIGHT:** 20.47 kDa

**PROTEIN GI #:** 4503277

**PROTEIN ACCESSION #:** NP\_001912

**TESTED APPLICATION:** WB,E,MS



SDS PAGE: Analysis of DCTD Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

**STORAGE:** Store at -70°C. As with any protein, exposing DCTD recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

During shipment, small volumes of DCTD recombinant protein will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap. **For research use only.**