

**Carbonyl reductase 3, 1-277aa, Human, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP01428**

3th Edition

**Synonyms:** CBR3, NADPH-dependent carbonyl reductase

**Description:** Carbonyl reductase 3 (CBR3) is one of several monomeric NADPH-dependent oxidoreductases. This protein catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols.

**Form:** Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

**Molecular Weight:** 33 kDa (297aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMSSCSRVALVTGANRGIGLAIARELCRQFSGDVVLTARDVARGQAAVQQLQAEG  
LSPRFHQDLIDDLQSIRALRDFLRKEYGGLNVLVNNAAVAFKSDDPMPFDIKAEMTLKTNFFATRNM CNELLPIMKP  
HGRVVNISSLQCLRAFENCSEDLQERFHSETLTEGDLVDLMKKFVEDTKNEVHEREGWPN SPYGVSKLGVTVLSRI  
LARRLDEKRKADRILVNACCPGPVKTDMGKDSIRTVEEGAETPVYLALLPPDATEPQGQLVHDKVVQNW

**Purity:** > 95% by HPLC

**Concentration:** 1 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.