

# Human CBR1 Recombinant Protein



RPPB1475

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## Product Information    Protein Information

**Product SKU:**

RPPB1475

**Accession:**

P16152

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant Human CBR1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 277 amino acids (1-277 a.a) and having a molecular mass of 30 kDa. CBR1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

CBR, hCBR1, SDR21C1, CBR1, Carbonyl reductase [NADPH] 1, NADPH-dependent carbonyl reductase 1, Prostaglandin-E(2) 9-reductase, Prostaglandin 9-ketoreductase, 15-hydroxyprostaglandin dehydrogenase [NADP+], CRN.

**Formulation:**

The CBR1 protein contains 20mM Tris-HCl buffer pH-8.5, and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by analysis by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MSSGIHVALV TGGNKGIGLA IVRDLCRLFS GDVLTARDV TRGQAAVQQL QAEGLSPRFH QLDIDDLQSI  
RALRDFLRKE YGGLDVLVNN AGIAFKVADP TPFHIQAEVT MKTNFFGTRD VCTELLPLIK PQGRVNVSS  
IMSVRALKSC SPELQQKFRS ETITEEELVG LMNKFVEDTK KGVHQKEGWP SSAYGVTKIG VVLSRIHAR  
KLSEQRKGDK ILLNACCPGW VRTDMAGPKA TKSPEEGAET PVYLALLPPD AEGPHGQFVS EKRVEQW.