

Recombinant Human CBR1 cell lysate

Cat. No. CBR1-288HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	Carbonyl reductase is one of several monomeric, NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds. This enzyme is widely distributed in human tissues. Another carbonyl reductase gene, CRB3, lies close to this gene on chromosome 21q.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CBR1 carbonyl reductase 1 [Homo sapiens]
Official Symbol	CBR1
Synonyms	CBR1; carbonyl reductase 1; CBR; carbonyl reductase [NADPH] 1; SDR21C1; short chain dehydrogenase/reductase family 21C; member 1; carbonyl reductase (NADPH) 1; prostaglandin 9-ketoreductase; prostaglandin-E(2) 9-reductase; NADPH-dependent carbonyl reductase 1; 15-hydroxyprostaglandin dehydrogenase; short chain dehydrogenase/reductase family 21C, member 1; hCBR1;

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Gene ID	873
mRNA Refseq	NM_001757
Protein Refseq	NP_001748
MIM	114830
UniProt ID	P16152
Chromosome Location	21q22.1
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, conserved biosystem;
Function	15-hydroxyprostaglandin dehydrogenase (NADP+) activity; carbonyl reductase (NADPH) activity; nucleotide binding; oxidoreductase activity; oxidoreductase activity, acting on NADH or NADPH, quinone or similar compound as acceptor; prostaglandin-E2 9-reductase activity;

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