

CBR1 抗原（重组蛋白）

中文名称：CBR1 抗原（重组蛋白）

英文名称：CBR1 Antigen (Recombinant Protein)

别名：CBR; hCBR1; SDR21C1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 2-277 amino acids of human CBR1

技术规格：

Full name:	carbonyl reductase 1
Synonyms:	CBR; hCBR1; SDR21C1
Swissprot:	P16152
Gene Accession:	BC002511
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. NADPH-dependent reductase with broad substrate specificity. Catalyzes the reduction of a wide variety of carbonyl compounds including quinones, prostaglandins, menadione, plus various xenobiotics. Ca

talyzes the reduction of the antitumor anthracyclines doxorubicin and daunorubicin to the cardiotoxic compounds doxorubicinol and daunorubicinol.