

Recombinant Human CBR1

Catalog No: #GP11219



Package Size: #GP11219-1 100ug

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Description

Product Name	Recombinant Human CBR1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 2-277 amino acids of human carbonyl reductase 1
Target Name	carbonyl reductase 1
Other Names	CBR; hCBR1; SDR21C1
Accession No.	Swissprot:P16152Gene Accession:BC002511
Uniprot	P16152
GeneID	873;
Storage	-20~-80°C, pH 7.6 PBS

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

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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