Datasheet for ABIN935034

CBR1 Protein (AA 1-277)

1 Image

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Overview

Quantity:	100 µg
Target:	CBR1
Protein Characteristics:	AA 1-277
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MSSGIHVALV TGGNKGIGLA IVRDLCRLFS GDVVLTARDV TRGQAAVQQL QAEGLSPRFH QLDIDDLQSI RALRDFLRKE YGGLDVLVNN AGIAFKVADP TPFHIQAEVT MKTNFFGTRD VCTELLPLIK PQGRVVNVSS IMSVRALKSC SPELQQKFRS ETITEEELVG LMNKFVEDTK KGVHQKEGWP SSAYGVTKIG VTVLSRIHAR KLSEQRKGDK ILLNACCPGW VRTDMAGPKA TKSPEEGAET PVYLALLPPD AEGPHGQFVS EKRVEQW
Characteristics:	Purified recombinant Human CBR1 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	CBR1

Target Details

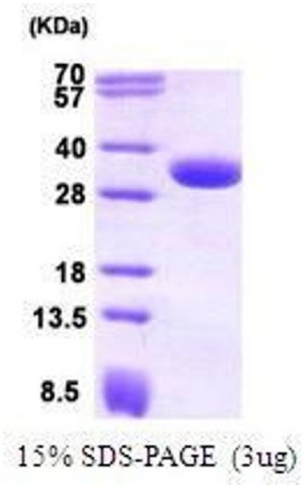
Alternative Name:	CBR1 (CBR1 Products)
Background:	CBR1 (Carbonyl reductase 1) is one of several monomeric NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds. CBR1 is widely distributed in human tissues. CBR1 metabolizes many toxic environmental quinones and pharmacologically relevant substrates such as the anticancer doxorubicin. CBR1 can also convert prostaglandin E2 to prostaglandin F2-alpha. Recombinant human CBR1 protein was expressed in E. coli and purified by using conventional chromatography. Alternative Names: Carbonyl reductase 1 15 hydroxyprostaglandin dehydrogenase [NADP+] protein, CBR1 protein, CBR 1, Carbonyl reductase [NADPH] 1.CBR 1 protein, CBR protein, hCBR1 protein, SDR21C1 protein, Prostaglandin E(2) 9 reductase., NADPH dependent carbonyl reductase 1 protein, CBR-1, CRN protein, Carbonyl reductase 1 protein, CBR1, Prostaglandin 9 ketoreductase protein, CBR 1 protein, CBR-1 protein
Molecular Weight:	30 kDa (277 AA)

Application Details

Application Notes:	CBR1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.5, containing 10 % glycerol.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or - 70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.