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Product datasheet for AR09192PU-N

Carbonyl reductase 1 (1-277) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Carbonyl reductase 1 (1-277) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA 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
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.5) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CBR1 protein was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001273718
Locus ID:	873
UniProt ID:	P16152
Cytogenetics:	21q22.12
Synonyms:	CBR; hCBR1; PG-9-KR; SDR21C1

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Summary: The protein encoded by this gene belongs to the short-chain dehydrogenases/reductases (SDR) family, which function as NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds, such as quinones, prostaglandins, and various xenobiotics. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2013]

Protein Families: Druggable Genome

Protein Pathways: Arachidonic acid metabolism, Metabolic pathways

Product images: