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Product datasheet for AR09226PU-N

Carbonyl reductase 3 (1-277, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Carbonyl reductase 3 (1-277, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSSCSRVALV TGANRGIGLA IARELCRQFS GDVVLTARDV ARGQAAVQQL QAEGLSPRFH QLDIDDLQSI RALRDFLRKE YGGLNVLVNN AAVAFKSDDP MPFDIKAEMT LKTNFFATRN MCNELLPIMK PHGRVVNISS LQCLRAFENC SEDLQERFHS ETLTEGDLVD LMKKFVEDTK NEVHEREGWP NSPYGVSKLG VTVLSRILAR RLDEKRKADR ILVNACCPGP VKTDMDGKDS IRTVEEGAET PVYLALLPPD ATEPQGQLVH DKVVQNW
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CBR3, fused to His-tag at N-terminus, 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_001227
Locus ID:	874
UniProt ID:	O75828
Cytogenetics:	21q22.12
Synonyms:	CBR3

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Summary: Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Arachidonic acid metabolism, Metabolic pathways

Product images: