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DATA SHEET

Carbonyl Reductase-3 Human Recombinant

Item Number	rAP-1784
Synonyms	Carbonyl reductase [NADPH] 3, NADPH-dependent carbonyl reductase 3, CBR3, carbonyl reductase 3, hCBR3, SDR21C2.
Description	Recombinant Human CBR3 fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated polypeptide chain containing 297 amino acids (1-277 a.a) and having a molecular mass of 33kDa. CBR3 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O75828
Amino Acid 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.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CBR3 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 95.0% as determined by analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only