

32-2263: DECR2 Recombinant Protein

Alternative Name : Peroxisomal 2,4-dienoyl-CoA reductase,pDCR,2,4-dienoyl-CoA reductase 2,DECR2,PDCR,SDR17C1.

Description

Source : Escherichia Coli. DECR2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-292) and having a molecular mass of 33.2kDa. DECR2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Peroxisomal 2,4-dienoyl-CoA reductase (DECR2) is an supporting enzyme of beta-oxidation. DECR2 partakes in the degradation of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. DECR2 catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The DECR2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MGSMAQPPD VEGDDCLPAY RHLFCPDLLR DKVAFITGGG SGIGFRIAEI FMRHGCHTVI ASRSLPRVLT AARKLAGATG RRCLPLSMDV RAPPVMAAV DQALKEFGRI DILINCAAGN FLCPAGALSF NAFKTVMDID TSGTFNVSRV LYEKFFRDHG GVIVNITATL GNRGQALQVH AGSAKAAVDA MTRHLAVEWG PQNIRVNLSA PGPISGTEGL RRLGGPQASL STKVTASPLQ RLGKNTKTEIAH SVLYLASPLA SYVTGAVLVA DGGAWLTFFPN GVKGLPDFAS FSAKL.