

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 RHLFCPLL R DKVAFITGGG SGIGFRIAEI FMRHGCHTVI ASRSLPRVLT AARKLAGATG RRCLPLSMDV RAPPVMAAV DQALKEFGRI DILINCAAGN FLCPAGALSF NAFKTVMDID TSGTFNVSRV LYEKFFRDHG GVIVNITATL GNRGQALQVH AGSAKAAVDA MTRHLAVEWG PQNIRVNSLA PGPISGTEGL RRLGGPQASL STKV TASP LQ RLG NKTEIAH SVLYLASPLA SYVTGAVLVA DGGAWLTFPN GVKGLPDFAS FSAKL.

