

## 32-2300: ECHDC1 Recombinant Protein

**Alternative Name :** Ethylmalonyl-CoA decarboxylase,Enoyl-CoA hydratase domain-containing protein 1,Methylmalonyl-CoA decarboxylase,MMCD,ECHDC1,dj351K20.2.

### Description

Source : E.coli. SNAP25 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 226 amino acids (1-206 a.a.) and having a molecular mass of 25.4 kDa. SNAP25 is fused to a 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques. Enoyl CoA hydratase domain containing 1 (ECHDC1) is a member of the enoyl-CoA hydratase/isomerase family. ECHDC1 is an enzyme which hydrates the double bond between the second and third carbons on acyl-CoA. The ECHDC1 enzyme is crucial to metabolizing fatty acids to supply both acetyl CoA and energy.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** The ECHDC1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.  
**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 SSGLVPRGSH MALKQEMAKS LLKTASLSGR TKLLHQTGLS LYSTSHGFYE EEVKKTLQQF PGGSIDLQKE DNGIGILTLN NPSRMNAFSG VMMLQLLEKV IELENWTEGK GLIVRGAKNT FSSGSDLNAV KSLGTPEDGM AVCMFMQNTL TRFMRLPLIS VALVQGWALGGGAFTTACD FRLMTPESKI RFVHKEMGII PSWGGTTRLV EIIGSRQALK VLSGALKLDS KNALNIGMVE EVLQSSDETQ SLEEAQEWLK QFIQGPPEVI RALKKSVCSG RELYLEEALQ NERDLLGTVW GGPANLEAIA KKGKFNK.

