

## 32-2301: ECHS1 Recombinant Protein

**Alternative Name :** Enoyl-CoA hydratase 1,SCEH.

### Description

Source : Escherichia Coli. ECHS1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 284 amino acids (28-290 a.a.) and having a molecular mass of 30.6kDa.ECHS1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ECHS1 is part of the hydratase/isomerase superfamily. ECHS1 is localized in the mitochondrial matrix and Expressed in muscle, liver and fibroblasts, with low expression in kidney and spleen, ECHS1 exists as a homohexamer that takes part in the second phase of the mitochondrial fatty acid  $\beta$ -oxidation pathway.

### Product Info

<b>Amount :</b>	20 $\mu$ g
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The ECHS1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH-8), 1mM DTT,0.1M NaCl and 20% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MASGANFEYI IAEKRGKNNT VGLIQLNRPK ALNALCDGLI DELNQALKIF EEDPAVGAIV LTGGDKAFAA GADIKEMQNL SFQDCYSSKF LKHWDHLTQV KKPVIAAVNG YAFGGGCELA MMCDIYAGE KAQFAQPEIL IGTIPGAGGT QRLTRAVGKS LAMEMVLTGD RISAQDAKQA GLVSKICPVE TLVEEAIQCA EKIASNSKIV VAMAKESVNA AFEMTLTEGS KLEKCLFYST FATDDRKEGM TAFVEKRKAN FKDQ.

