

Enoyl CoA Hydratase 1, Peroxisomal Human Recombinant

Item Number	rAP-1166
Synonyms	peroxisomal, enoyl Coenzyme A hydratase 1.
Description	ECH1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (34-328a.a.) and having a molecular mass of 34.4kDa. ECH1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q13011
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MTGSSAQEAA SGVALGEAPD HSYESLRVTS AQKHVLHVQL NRP-NKRNAMN KVFWRMVEC FNKISRADC RAVVISGAGK MFTAGIDLMD MASDILQPKG DDVARISWYL RDII TRYQET FNVI ERCPKP VIAAVHGGCI GGGVDLV TAC DIRYCAQDAF FQVKEVDVGL AADV GTLQRL PKVIGNQSLV NELAFTARKM MADEALGSL VSRVFPDKEV MLDAALALAA EISSKSPVAV QSTKVNLLYS RDHSVAESLN YVASWNMSML QTQDLVKSVQ ATTENKELKT VTFSKL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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 ECH1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 50mM NaCl, and 10% glycerol. Greater than 90% as determined 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**