

Enoyl-CoA Delta Isomerase 1 Human Recombinant

Item Number	rAP-1227
Synonyms	Enoyl-CoA delta isomerase 1, mitochondrial, 3,2-trans-enoil-CoA isomerase, Enoyl-CoA Delta Isomerase 1, Delta(3),Delta(2)-enoil-CoA isomerase, D3,D2-enoil-CoA isomerase, Dodecenoyl-CoA isomerase, EC11, DCI.
Description	EC11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 284 amino acids (42-302 a.a.) and having a molecular mass of 31.1kDa. EC11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P42126
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSFGSQRVL VEPDAGAGVA VMKFKNPPVN SLSLEFLTEL VISLEKLEND KSFRGVILTS DRPGVFSAGL DLTEMCGRSP AHYAGYWKAV QELWLRLYQS NLVLVSAING ACPAGGCLVA LTCDYRILAD NPRYICIGLNE TQLGIIAPFW LKDTLENTIG HRAAERALQL GLLFPPAEAL QVGIVDQVVP EEQVQSTALS AIAQWMAIPD HARQLTKAMM RKATASRLVT QRDADVQNFV SFISKDSIQK SLQMYLERLK EEKG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	EC11 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% 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**