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32-2276: DLST Recombinant Protein

Gene ID: NP 001924.2

dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex), Dihydrolipoamide

Alternative Name: succinyltransferase component of 2-oxoglutarate dehydrogenase complex,component

E2,DLST,E2K,OGDC-E2,EC 2.3.1.61,EC 2.3.1.

Description

Source: Sf9 insect cells. DLST is a Full-length cDNA coding for the mature form of the human OGDC-E2 protein having a molecular mass of 43.9 kDa. DLST protein is fused to a 6 His tag. DLST catalyzes the general transformation of 2-oxoglutarate to succinyl-CoA and CO(2). DLST holds multiple copies of 3 enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).

Product Info

Amount: $10 \mu g$

Purification: DLST was found to be greater than 90% as determined by SDS-PAGE.

Content: DLST (0.5mg/ml) is supplied in 20mM Tris, 300 mM NaCl, pH 7.5 and 10% glycerol.

Storage condition:

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Store DLST at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

periods of time. Avoid multiple freeze-thaw cycles.

Amino Acid : Asp68-Leu453 (predicted size 43.9kDa)

