

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 42,301 Dalton (pH 6.3). DLST protein is fused to a hexa-histidine purification tag. DLST catalyzes the general transformation of 2-oxoglutarate to succinyl-CoA and CO₂. DLST holds multiple copies of 3 enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).

Product Info

Amount : 10 µg
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 : 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)

