

DLST Human

Description: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.

Catalog #:ENPS-090

For research use only.

Synonyms:dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex), Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex, component E2, DLST, E2K, OGDC-E2, EC 2.3.1.61, EC 2.3.1.

Source:Sf9 insect cells.

Purity:DLST purity was found to be greater than 75% as determined by SDS-PAGE.

Formulation:

DLST (0.74mg/ml) is supplied in 20mM HEPES buffer pH-8.0, 200mM NaCl and 20% glycerol.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

Western blot with anti-M2-Antigen autoantibody-positive patient sera or monoclonal anti-hexa-His-tag antibody.

Introduction:

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).

Storage:

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.

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