
Product Data Sheet

Product Name: DLST Human
Cat. No.: GP21564
Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxoglutarate complex); Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex; component E2; DLST; E2K; OGDC-E2; EC 2.3.1.61; EC 2.3.1.		
Formulation	DLST (0.74mg/ml) is supplied in 20mM HEPES buffer pH-8.0, 200mM NaCl and 20% glycerol.		

Introduction

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).

Stability

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.

Background

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 hexahistidine purification tag.

Caution: Product has not been fully validated for medical applications. For research use only.

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