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Datasheet for ABIN1646847 DLST Protein (AA 69-455) (His tag)

Overview

Quantity:	1 mg
Target:	DLST
Protein Characteristics:	AA 69-455
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLST protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	DD VITVKTPAFA ESVTEGDVRW EKAVGDTVAE DEVVCEIETD KTSVQVPSPA NGVIEALLVP DGGKVEGGTP LFTLRKTGAA PAKAKPAEAP AAAAPKAEPV VSAVPPPPAA SIPTQMPPVP SPPQPLTSKP VSAVKPTAAP PVAEPGAVKG LRAEHREKMN RMRQRIAQRL KEAQNTCAML TTFNEIDMSN IQDMRARHKE AFLKKHNLKL GFMSAFVKAS AFALQEQPVV NAVIDDTTKE VVYRDYIDIS VAVATPRGLV VPVIRNVETM NYADIERTIS ELGEKARKNE LAIEDMDGGT FTISNGGVFG SLFGTPIINP PQSAILGMHA IVDRPVAVGG KVEIRPMMYV ALTYDHRLLD GREAVTFLRK IKAAVEDPRV LLLDL
Specificity:	Sus scrofa (Pig)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	DLST
Alternative Name:	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial (DLST) (DLST Products)
Background:	<p>Recommended name: Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial.</p> <p>EC= 2.3.1.61.</p> <p>Alternative name(s): 2-oxoglutarate dehydrogenase complex component E2.</p> <p>Short name= OGDC-E2 Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex E2K E2o.</p> <p>Short name= PE2o</p>
UniProt:	Q9N0F1

Application Details

Comment:	<p>The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.