

Datasheet for ABIN7279712
TARS Protein (AA 1-723) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	TARS
Protein Characteristics:	AA 1-723
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TARS protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	TARS, 1-723aa , Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	TARS
Alternative Name:	TARS (TARS Products)
Background:	TARS (Threonyl-tRNA synthetase, cytoplasmic) belongs to the class-II aminoacyl-tRNA synthetase family. This protein has its main role in tRNA aminoacylation. The N-terminal domain of the enzyme is responsible for the competition with the ribosome whilst the catalytic and the C-terminal domain are involved in binding the two anticodon arm-like structures in the operator. Recombinant human TARS protein, fused to His-tag at N-terminus, was expressed in

Target Details

E.coli and purified by using conventional chromatography techniques. Synonyms: threonyl-tRNA synthetase, cytoplasmic, ThrRS. NCBI no.: NP_689508

Molecular Weight: 85.6kDa (743aa)

Application Details

Restrictions: For Research Use only

Handling

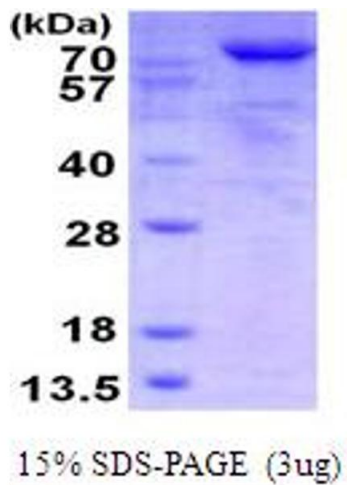
Format: Liquid

Concentration: 0.5mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 150mM NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.