



[Go to Product page](#)

Datasheet for ABIN667028

PECI/ECI2 Protein (AA 1-364) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	PECI/ECI2 (PECI)
Protein Characteristics:	AA 1-364
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PECI/ECI2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	PECI, 1-364aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	PECI/ECI2 (PECI)
Alternative Name:	PECI (PECI Products)
Background:	PECI, also referred to as DRS1, ACBD2 or HCA88, is a protein that localizes to the peroxisomal matrix and contains one ACB (acyl-CoA-binding) domain. This protein is expressed abundantly in liver, heart and skeletal muscle. It functions to catalyze the isomerization of both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species, playing an important role in the beta-oxidation of unsaturated fatty acids. Recombinant human PECI protein, fused to

Target Details

his-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: ACBD2, DRS1, HCA88, Peroxisomal 3,2-trans-enoyl-CoA isomerase, acyl Coenzyme A binding domain containing 2, D3 D2 enoyl CoA isomerase, DBI related protein 1, Delta(3) delta(2) enoyl CoA isomerase, Dodecenoyl CoA isomerase, DRS 1, HCA 88, Hepatocellular carcinoma associated antigen 88, Peroxisomal D3 D2 enoyl CoA isomerase, Renal carcinoma antigen NY REN 1. NCBI no.: NP_006108

Molecular Weight: 42.3 kDa (384aa) confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

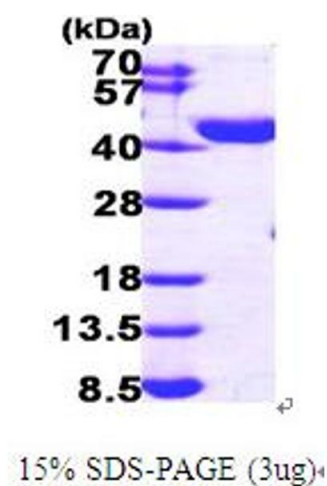
Format: Liquid

Concentration: 1.0 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.