Recombinant Human PECI protein, His-tagged

Cat. No. PECI-1637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PECI protein(65-364 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	65-364 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	AWNALGSLPKEAARQNYVDLVSSLSPSLESSSQVEPGTDRKSTGFETLVVTSEDGIT KIMFNRPKKKNAINTEMYHEIMRALKAASKDDSIITVLTGNGDYYSSGNDLTNFTDIPP GGVEEKAKNNAVLLREFVGCFIDFPKPLIAVVNGPAVGISVTLLGLFDAVYASDRATF HTPFSHLGQSPEGCSSYTFPKIMSPAKATEMLIFGKKLTAGEACAQGLVTEVFPDST FQKEVWTRLKAFAKLPPNALRISKEVIRKREREKLHAVNAEECNVLQGRWLSDECTN AVVNFLSRKSKL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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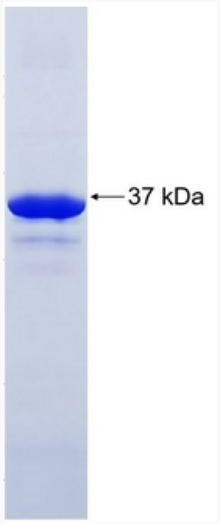
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	ECI2 enoyl-CoA delta isomerase 2 [Homo sapiens (human)]
Official Symbol	PECI
Synonyms	ECI2; DRS1; PECI; ACBD2; DRS-1; HCA88; dJ1013A10.3; enoyl-CoA delta isomerase 2; enoyl-CoA delta isomerase 2, mitochondrial; DBI-related protein 1; dodecenoyl-CoA isomerase; D3,D2-enoyl-CoA isomerase; renal carcinoma antigen NY-REN-1; delta(3),delta(2)-enoyl-CoA isomerase; peroxisomal D3,D2-enoyl-CoA isomerase; peroxisomal 3,2-trans-enoyl-CoA isomerase; acyl-Coenzyme A binding domain containing 2; diazepam-binding inhibitor-related protein 1; hepatocellular carcinoma-associated antigen 88; EC 5.3.3.8
Gene ID	10455
mRNA Refseq	NM_001166010
Protein Refseq	NP_001159482
MIM	608024
UniProt ID	O75521

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SDS-PAGE



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