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PECI, 1-364aa, Human, His tag, E.coli

产品货号: TP03344

第三版

别名: Peroxisomal 3,2-trans-enoyl-CoA isomerase, ACBD2, DRS1, HCA88.

描述: 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 β -oxidation of unsaturated fatty acids.

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

分子量: 42.3 kDa (384aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMNRTAMRASQKDFENSMNQVKLLKKDPGNEVKLKLYALYKQATEGPCNMPKPGVFD
LINKAKWDAWNALGSLPKAARQNYVDLVSSLSPSLESSSQVEPGTDRKSTGFETLVVTSEDGITKIMFNRPKKKNAINTEM
YHEIMRALKAAASKDDSIITVLTGNGDYSSGNDLTNFTDIPPGGVEEKAKNNAVLLREFVGCFLDFPKPLIAVVNGPAVGIS
VTLLGLFDVYASDRATFHTPFHSLGQSPEGCSYTFPKIMSPAKATEMLIFGKKLTAAGEACAQGLVTEVFPDSTFQKEVWT
RLKAFKALPPNALRISKEVIRKREKRLHAVNAEECNVLQGRWLSDECTNAVVNFLSRKSKL

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.