OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP300822

PECR (NM_018441) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxisomal trans-2-enoyl-CoA reductase (PECR), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200822 protein sequence Red=Cloning site Green=Tags(s) MASWAKGRSYLAPGLLQGQVAIVTGGATGIGKAIVKELLELGSNVVIASRKLERLKSAADELQANLPPTK QARVIPIQCNIRNEEEVNNLVKSTLDTFGKINFLVNNGGGQFLSPAEHISSKGWHAVLETNLTGTFYMCK AVYSSWMKEHGGSIVNIIVPTKAGFPLAVHSGAARAGVYNLTKSLALEWACSGIRINCVAPGVIYSQTAV ENYGSWGQSFFEGSFQKIPAKRIGVPEEVSSVVCFLLSPAASFITGQSVDVDGGRSLYTHSYEVPDHDNW PKGAGDLSVVKKMKETFKEKAKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060911
Locus ID:	55825

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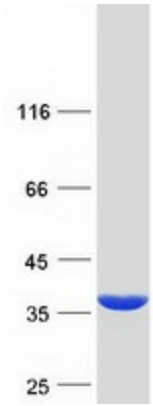
UniProt ID:	Q9BY49
RefSeq Size:	1874
Cytogenetics:	2q35
RefSeq ORF:	909
Synonyms:	DCRRP; HPDHASE; HSA250303; PVIARL; SDR29C1; TERP
Summary:	Participates in chain elongation of fatty acids. Has no 2,4-dienoyl-CoA reductase activity. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome
Protein Pathways:	Biosynthesis of unsaturated fatty acids

Product images:



Coomassie blue staining of purified PECR protein (Cat# TP300822). The protein was produced from HEK293T cells transfected with PECR cDNA clone (Cat# [RC200822]) using MegaTran 2.0 (Cat# [TT210002]).

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