

# Recombinant Full Length Human PEER Protein, C-Flag-tagged

Cat. No. PEER-56HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human PEER Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	Participates in chain elongation of fatty acids. Has no 2,4-dienoyl-CoA reductase activity.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	32.4 kDa
<b>AA Sequence</b>	MASWAKGRSYLAPGLLQGQVAIVTGGATGIGKAIVKELLELGSNVVIASRKLERLKSA ADELQANLPPTK QARVIPIQCNIIRNEEEVNNLVKSTLDTFGKINFLVNNGGGQFLSPA EHISSKGWHAVLETNLTGTFYMCK AVYSSWMKEHGGSSIVNIIVPTKAGFPLAVHSGA ARAGVYNLTKSLALEWACSGIRINCVAPGVIYSQTAV ENYGSWGQSFFEGSFQKIP AKRIGVPEEVSSVVCFLLSAASFITGQSVDVDGGRSLYTHSYEVPDHDNW PKGAGDLSVVKMKETFKEKAKLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome
<b>Protein Pathways</b>	Biosynthesis of unsaturated fatty acids
<b>Full Length</b>	Full L.

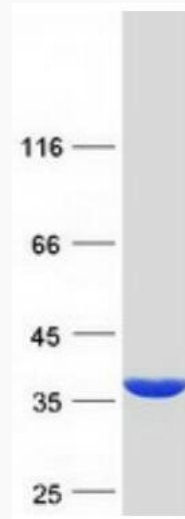
## GENE INFORMATION

<b>Gene Name</b>	PECR peroxisomal trans-2-enoyl-CoA reductase [ Homo sapiens (human) ]
<b>Official Symbol</b>	PECR
<b>Synonyms</b>	TERP; DCRRP; PVIARL; HPDHASE; SDR29C1; HSA250303
<b>Gene ID</b>	55825
<b>mRNA Refseq</b>	NM_018441.6
<b>Protein Refseq</b>	NP_060911.2
<b>MIM</b>	605843
<b>UniProt ID</b>	Q9BY49

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Coomassie blue staining of purified PEQR protein.

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