

PECR, 1-303 aa, Human, His tag, E.coli

Cat.NO.: TP03345

3th Edition

Synonyms: Peroxisomal trans-2-enoyl-CoA reductase, DCRRP, HPDHASE, HSA250303, PVIARL, SDR29C1, TERP.

Description: Peroxisomal trans-2-enoyl-CoA reductase, also known as PECR, the key enzyme for a proposed peroxisomal chain elongation pathway. This proein was mainly expressed in liver and kidney. Recombinant human PECR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.15M NaCl.

Molecular Weight: 35.1 kDa (327aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMASWAKGRSYLAPGLLQGQVAIVTGGATGIGKAIVKELLELGSNVVIASRK
LERLKSAADELQANLPPTKQARVPIQCNIRNEEEVNNLVKSTLDTFGKINFLVNNGGGQFLSPAHEISSKGWHAVLE
TNLTGTFYMCKAVYSSWMKEHGGSIVNIIVPTKAGFPLAVHSGAARAGVYNLTKSLALEWACSGIRINCVAPGVIYS
QTAVENYGSWGQSFEGSFQKIPAKRIGVPEEVSSVVCFLSPAASFITGQSDVDGGRSLYTHSYEVPDHDNWP
KGAGDLSVVKKMKETFKEKAKL

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.