

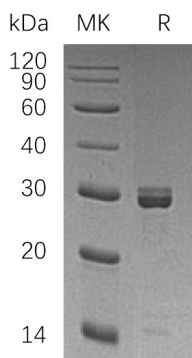
Product Name: Recombinant Human EPT1 (N-GST)
Catalog #: PEH0607



概述 (Summary)

英文全称	Ethanolaminephosphotransferase 1/EPT1/SELI
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Ethanolaminephosphotransferase 1 is produced by our E.coli expression system and the target gene encoding Met1-Pro50 is expressed with a GST tag at the N-terminus.
Accession #	Q9C0D9
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	32.6 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM EDTA, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Ethanolaminephosphotransferase 1; hEPT1; Selenoprotein I; Sell; EPT1; KIAA1724; SELI

背景介绍 (References)

Ethanolaminephosphotransferase 1 (EPT1) is an enzyme that belongs to the CDP-Alcohol Phosphatidyltransferase Class-I Family. EPT1 is a Selenoprotein, which contains a Selenocysteine (Sec) residue at its active site. The Selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of Selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. EPT1 catalyzes Phosphatidylethanolamine biosynthesis from CDP-Ethanolamine. It plays a central role in the formation and maintenance of vesicular membranes. EPT1 is involved in the formation of Phosphatidylethanolamine via the Kennedy pathway.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.