

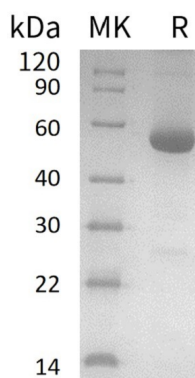
Product Name: Recombinant Human ODC1 (C-6His, N-T7 tag)
Catalog #: PEH1251



概述 (Summary)

英文全称	Ornithine decarboxylase/ODC1
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 Ornithine Decarboxylase is produced by our E.coli expression system and the target gene encoding Met1-Val461 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.
Accession #	P11926
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	53.5 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 100 mM NaCl, 8% Trehalose, 2% Mannitol, 4 mM TCEP, 0.05% Tween 80, pH8.0.
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)

Ornithine decarboxylase; ODC1;

背景介绍 (References)

Ornithine decarboxylase (ODC1) is an enzyme which belongs to the Orn/Lys/Arg decarboxylase class-II family. ODC1 is the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyzes ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.