

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

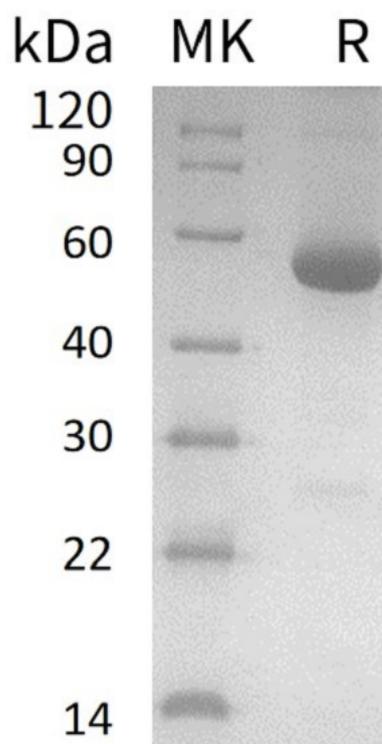


Summary

Name	Ornithine decarboxylase/ODC1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
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
Host	E.coli
Species	Human
Predicted Molecular Mass	53.5 KDa
Formulation	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.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
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.
Reconstitution	

SDS-PAGE image

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Alternative Names

Ornithine decarboxylase; ODC1;

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.