Recombinant Human ODC1 Protein (His & T7 Tag)

Catalog Number: PKSH032837



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Ornithine decarboxylase;ODC1;

Species Human
Expression Host E.coli

SequenceMet 1-Val461AccessionP11926Calculated Molecular Weight53.5 kDaObserved molecular weight25 &58 kDaTagN-T7 & C-His

Properties

Purity > 90 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per μg of the protein as determined by the LAL method.

Storage Storage Store at $< -20^{\circ}$ C, stable for 6 months. Please minimize freeze-thaw cycles.

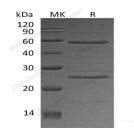
Shipping This product is provided as liquid. It is shipped at frozen temperature with blue

ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Formulation Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

Reconstitution Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

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.

For Research Use Only

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