

Recombinant Human Ornithine Decarboxylase/ODC1 Protein(C-6His, N-T7 tag)

Cat.NO.: TP05287

3th Edition

Synonyms:Ornithine decarboxylase; ODC1;

Description: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.

Form:PBS

Molecular Weight:53.5 kDa

Sequences:Met 1-Val461

Purity:> 95% by HPLC

Concentration:

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.