

IDH1 Recombinant Protein



RPPB1839

Product Information Protein Information

Product SKU:

RPPB1839

Host:

Yeast cells.

Protein description:

Recombinant *Saccharomyces Cerevisiae* ICDH (NADP) derived from yeast host cells by using over-expression system, is full length same as designated ICD1 from *Saccharomyces Cerevisiae*. The N-terminal amino acid Phenylalanine residue next to Met is substituted with Alanine for overexpression. The ICDH is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Isocitrate dehydrogenase [NADP] cytoplasmic, EC 1.1.1.42, Cytosolic NADP-isocitrate dehydrogenase, Oxalosuccinate decarboxylase, IDH, NADP(+)-specific ICDH, IDP, PICD.

Formulation:

One ml of solution contains 0.075 mol/l KPO₄, 50% Glycerol, pH 7.1.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Biological Activity:

The specific activity was found to be 115 U/mg.