



# Recombinant Protein Technical Manual

## Recombinant Human IDH1 Protein (E. coli, His Tag)

RPES3967

### Product Data:

**Product SKU:** RPES3967

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** O75874

### Protein Information:

**Molecular Mass:** 48 kDa

**AP Molecular Mass:** 43 kDa

**Tag:** C-His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** Please contact us for more information.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from sterile 50mM Tris, 200mM NaCl, 1mM DTT, 10% Glycerol, pH 7.5

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Isocitrate Dehydrogenase [NADP] Cytoplasmic; IDH; Cytosolic NADP-Isocitrate Dehydrogenase; IDP; NADP(+)-Specific ICDH; Oxalosuccinate Decarboxylase; IDH1; PICD

## Immunogen Information:

**Sequence:** Met 1-Leu 414

## Background: