

IDH1 Protein, Human, Recombinant (R132H, His)

General Information

Synonyms:	Oxalosuccinate decarboxylase; Isocitrate dehydrogenase [NADP] cytoplasmic; IDH; IDH1; PICD; IDH 1
Protein Construction:	Met1-Leu414 (Arg132His)
Species:	Human
Expression Host:	E. coli
Accession:	O75874
Molecular Weight:	48.1 kDa (Predicted); 40-50 kDa (reducing conditions)

QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95% as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Supplied as a 0.2 μ m filtered solution of 50mM Tris-HCl, 4% Sucrose, 50% glycerol, 0.02% Tween80, pH 8.0.

Preparation and Storage

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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