

Recombinant Mouse Idh2 Protein, Myc/DDK-tagged

Cat. No. Idh2-3472M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length isocitrate dehydrogenase 2 (NADP+), mitochondrial (Idh2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in intermediary metabolism and energy production. It may tightly associate or interact with the pyruvate dehydrogenase complex.
Molecular Mass	51.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Idh2 isocitrate dehydrogenase 2 (NADP+), mitochondrial [Mus musculus (house mouse)]
Official Symbol	Idh2
Synonyms	Idh2; isocitrate dehydrogenase 2 (NADP+), mitochondrial; ID; IDPm; Idh-; Idh-2; E430004F23; isocitrate dehydrogenase [NADP], mitochondrial; ICD-M; IDH; IDP; NADP(+)-specific ICDH; NADP+-specific isocitrate dehydrogenase; oxalosuccinate decarboxylase; EC 1.1.1.42
Gene ID	269951
mRNA Refseq	NM_173011
Protein Refseq	NP_766599
UniProt ID	P54071

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