

Recombinant Mouse Idh1 protein, His & GST-tagged

Cat. No. Idh1-1583M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Idh1 aa. (Ile99~Thr325 (Accession # O88844)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile99~Thr325
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in ddH₂O.

Isoelectric Point

6.5

GENE INFORMATION

Gene Name

[Idh1 isocitrate dehydrogenase 1 \(NADP+\), soluble \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Idh1](#)

Synonyms

Idh1; isocitrate dehydrogenase 1 (NADP+), soluble; Id-1; Idpc; Idh-1; A1314845; A1788952; E030024J03Rik; isocitrate dehydrogenase [NADP] cytoplasmic; IDH; IDP; NADP(+)-specific ICDH; cytosolic NADP-isocitrate dehydrogenase; oxalosuccinate decarboxylase

Gene ID

[15926](#)

mRNA Refseq

[NM_001111320.1](#)

Protein Refseq

[NP_001104790.1](#)

UniProt ID

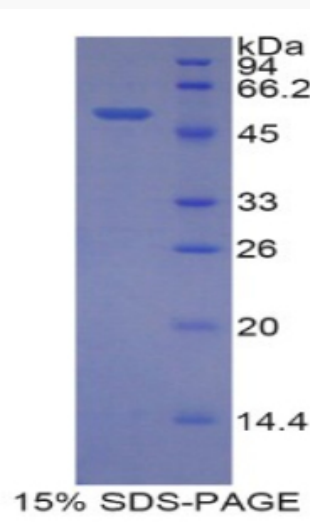
[O88844](#)

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SDS-PAGE



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