

## Recombinant Mouse IDH1 Protein (7-407 aa), His-tagged

Cat. No. IDH1-565M Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Mouse IDH1 Protein (7-407 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.

**Species** Mouse

**Source** E.coli

**ProteinLength** 7-407 aa

**Form** Tris-based buffer, 50% glycerol

**Molecular Mass** 49.2 kDa

**AA Sequence**

```

GGSVVEMQGDDEMTRIIWELIKEKLILPYVELDLHSYDLGIENRDATNDQVTKDAAEAI
KKYNVGVKCATITPDEKRVVEEFKLKQMWKSPNGTIRNILGGTVFREAIIICKNIPRLVTG
WVKPIIIGRHAYGDQYRATDFVVPGPVKVEITYTPKDGTQKVTYMVHDFEEGGGVA
MGMYNQDKSIEDFAHSSSQMALSKEGWPLYLSTKNTILKKYDGRFKDIFQEIYDKKYYK
SQFEAQKICYEHLIDDMVAQAMKSEGGFIWACKNYDGDVQSDSVAQGYGSLGMM
TSVLICPDGKTVEAAEAHGTVTRHYRMYQKGQETSTNPIASIFAWSRGLAHRKLDN
NTELSFFAKALEDVCIETIEAGFMTKDLAACIKGLPNVQRSDYLNTEFEMDKLGENLK
A
    
```

**Purity** > 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with concentration instruction is sent along with the products.

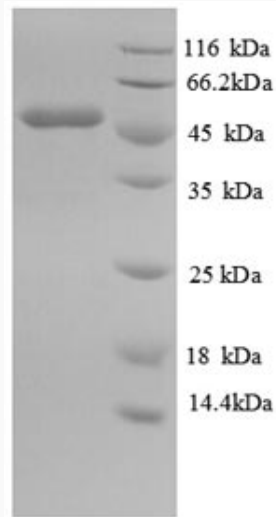
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Idh1 isocitrate dehydrogenase 1 (NADP+), soluble [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">IDH1</a>
<b>Synonyms</b>	IDH1; IDH; IDP; Id-1; Idpc; Idh-1; AI314845; AI788952; E030024J03Rik; MGC115782;
<b>Gene ID</b>	<a href="#">15926</a>
<b>mRNA Refseq</b>	<a href="#">NM_001111320</a>
<b>Protein Refseq</b>	<a href="#">NP_001104790</a>
<b>UniProt ID</b>	<a href="#">O88844</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA