

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 KKYNVGVKCATITPDEKRVEEFKLKQMWKSPNGTIRNILGGTVFREAICKNIPRLVTG WVKPIIIGRHAYGDQYRATDFVVPGPVKVEITYTPKDGTTQKVITYMVHDFEEGGGVA MGMYNQDKSIEDFAHSSSQMALSKGWPLYLSTKNTILKKYDGRFKDIFQEYDKKYYK SQFEAQKICYEHLIDDMVAQAMKSEGGFIWACKNYDGDVQSDSVAQGYGSLGMM TSVLICPDGKTVEAAAHGTVTRHYRMYQKGQETSTNPIASIFAWSRGLAHRKLDN NTELSFFAKALEDVCIETIEAGFMTKDLAACIKGLPNVQRSDYLNTFEFMDKLGLENLK A
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

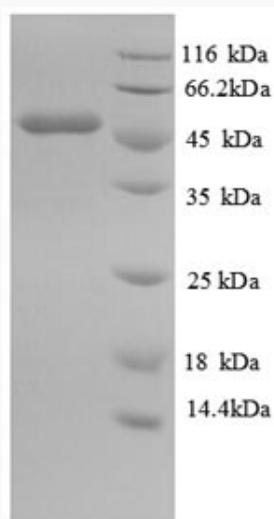
GENE INFORMATION

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

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

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