

Product datasheet for **TP518870**

Idh1 (NM_001111320) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse isocitrate dehydrogenase 1 (NADP+), soluble (Idh1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR218870 representing NM_001111320
Red=Cloning site **Green**=Tags(s)

MSRKIQGGSVVEMQGDDEMTRIIWELIKEKLILPYVELDLHSYDLGIENRDATNDQVTKDAAEAIKKYNVG
VKCATITPDEKRVVEFKLQMWKSPNGTIRNILGGTVFREAICKNIPRLVTGWVKPIIIIGRHAYGDQYR
ATDFVVPGPVKVEITYTPKDGTTQKVTYMVHDFEEGGGVAMGMYNQDKSIEDFAHSSSQMALSKEGWPLYLS
TKNTILKKYDGRFKDIFQEIYDKKYKSQFEAQKICYEHLIDDMVAQAMKSEGGFIWACKNYDGDVQSDS
VAQGYGSLGMMTSVLICPDGKTVEAAHGTVTRHYRMYQKGQETSTNPIASIFAWSRGLAHRAKLDNNT
ELSFFAKALEDVCIETIEAGFMTKDLAACIKGLPNVQRSDYLNTFEFMDKLGLENLAKLAQAKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 47.1 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C after receiving vials.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_001104790](#)
Locus ID: 15926
UniProt ID: [O88844](#)



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RefSeq Size: 2292
Cytogenetics: 1 32.91 cM
RefSeq ORF: 1242
Synonyms: A1314845; A1788952; E030024J03Rik; Id-1; Idh-1; Idpc