

# Recombinant Mouse Isocitrate dehydrogenase [NADP] Cytoplasmic domain(Idh1),partial

Catalog No: #AP70414

Package Size: #AP70414-1 20ug #AP70414-2 100ug #AP70414-3 1mg

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## Description

Product Name	Recombinant Mouse Isocitrate dehydrogenase [NADP] Cytoplasmic domain(Idh1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:7-407aaSequence Info:Partial
Other Names	Cytosolic NADP-isocitrate dehydrogenaseIDPNADP(+)-specific ICDHOxalosuccinate decarboxylase
Accession No.	O88844
Calculated MW	49.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GGSVVEMQGDDEMTRIIWELIKEKLILPYVELDLHSYDLGIENRDATNDQVTKDAAEAIKKYNVGVKCATITPDEK RVEEFKCLKMWKSPNGTIRNILGGTVFREAIICKNIPRLVTGWVKPIIIGRHAYGDQYRATDFVVPGPVKVEITY TPKDGTTQKVTYMVHDFEEGGGVAMGMYNQDKSIEDFAHSSSQMALSkgwplylSTKNILKKYDGRFKDIFQ EIYDKKYKSQFEAQKICYEHLIDDMVAQAMKSEGGFIWACKNYDGDVQSDSVAQGYGSLGMMTSVLICPDG KTVEAEAAHGTVTRHYRMYQKGQETSTNPIASIFAWSRGLAHRAKLDNNTLSFFAKALEDVCIETIEAGFMTK DLAACIKGLPNVQRSDYLNTFEFMDKLGLENLKA
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## References

Label-free quantitative proteomics of the lysine acetylome in mitochondria identifies substrates of SIRT3 in metabolic pathways.Rardin M.J., Newman J.C., Held J.M., Cusack M.P., Sorensen D.J., Li B., Schilling B., Mooney S.D., Kahn C.R., Verdin E., Gibson B.W.Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.