

Product datasheet for **TP501594**

Adi1 (NM_134052) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acireductone dioxygenase 1 (Adi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201594 protein sequence Red =Cloning site Green =Tags(s)

MVQAWYMDESTADPRKPHRAQPDRPVSLEQLRTLGLVLYWKLDADKYENDPELEKIRKMRNYSWMDIITIC
KDTLPNYEEKIKMFFEEHLHLDEEIRYILEGSGYFDVRDKEDKWIRISMEKGDMITLPAGIYHRFTLDEK
NYVKAMRLFVGEVWTPYNRPADHFDARVQYMSFLEGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	21.5 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_598813
Locus ID:	104923
UniProt ID:	Q99JT9
RefSeq Size:	1676
Cytogenetics:	12 A2



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RefSeq ORF: 540

Synonyms: AL024210; Fe-ARD; MTCBP-1; Ni-ARD

Summary: Catalyzes the formation of formate and 2-keto-4-methylthiobutyrate (KMTB) from 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene) (PubMed:26858196). Also down-regulates cell migration mediated by MMP14.[UniProtKB/Swiss-Prot Function]