

## Recombinant Mouse Adi1 Protein, MYC/DDK-tagged

Cat. No. Adi1-271M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse acireductone dioxygenase 1 (Adi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Catalyzes the formation of formate and 2-keto-4-methylthiobutyrate (KMTB) from 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene). Also down-regulates cell migration mediated by MMP14.
<b>Molecular Mass</b>	21.5 kDa
<b>Purity</b>	>80%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Adi1 acireductone dioxygenase 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Adi1</a>
<b>Synonyms</b>	Adi1; acireductone dioxygenase 1; Fe-ARD; Ni-ARD; MTCBP-1; AL024210; 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase; ARD; aci-reductone dioxygenase; acireductone dioxygenase (Fe(2+)-requiring); acireductone dioxygenase (Ni(2+)-requiring); fe-ARD; membrane-type 1 matrix metalloproteinase cytoplasmic tail-binding protein 1; EC 1.13.11.54
<b>Gene ID</b>	<a href="#">104923</a>
<b>mRNA Refseq</b>	<a href="#">NM_134052</a>
<b>Protein Refseq</b>	<a href="#">NP_598813</a>
<b>UniProt ID</b>	<a href="#">Q99JT9</a>

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