

Recombinant Mouse Adi1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Adi1 acireductone dioxygenase 1 [Mus musculus (house mouse)]
Official Symbol	Adi1
Synonyms	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
Gene ID	104923
mRNA Refseq	NM_134052
Protein Refseq	NP_598813
UniProt ID	Q99JT9