

Recombinant Human Acireductone Dioxygenase 1, T7-tagged

Cat. No. ADI1-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADI1 was expressed in <i>E. Coli</i> using an N-terminal T7 tag. MW=21.5 kDa.
Species	Human
Source	E.coli
Description	ADI1 is a new member of the Cupin superfamily with a role as an invasion suppressor down-regulated in tumors.
Sequence	1-179.
Purity	~95%.
Specific Activity	N/A.
Applications	This recombinant protein can be used for WB, ELISA, MS and neutralization assays.
Buffer	10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN ₃ .
Storage	Store at -70°C. As with any protein, exposing ADI1 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

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SDS-PAGE SDS PAGE Analysis of ADI1 Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

GENE INFORMATION

Gene Name [ADI1 acireductone dioxygenase 1 \[Homo sapiens \]](#)

Synonyms ADI1; acireductone dioxygenase 1; ARD; APL1; SIPL; SIP-L; MTCBP1; MTCBP-1; FLJ10913; HMFT1638; submergence induced protein 2; MT1-MMP cytoplasmic tail-binding protein-1; 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase; membrane-type 1 matrix metalloproteinase cytoplasmic tail binding protein-1

Gene ID [55256](#)

mRNA Refseq [NM_018269](#)

Protein Refseq [NP_060739](#)

UniProt ID [Q9BV57](#)

Chromosome Location 2p25.3

Pathway Cysteine and methionine metabolism; Metabolic pathways

Function metal ion binding; nickel ion binding; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; protein binding

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