

Recombinant Full Length Human ADI1 Protein, GST-tagged

Cat. No. ADI1-946HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADI1 full-length ORF (NP_060739.1, 1 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	179 amino acids
Description	This gene encodes an enzyme that belongs to the aci-reductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. Related pseudogenes have been defined on chromosomes 8 and 20. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]
Molecular Mass	47.9 kDa
AA Sequence	MVLAWYMDDA PGDPRQPHRP DPGRPVGLEQ LRRLGVLYWK LDADKYENDP ELEKIRRERN YSWMDIITIC KDKLPNYEEK IKMFYEEHLH LDDEIRYILD GSGYFDVRDK EDQWIRIFME KGDMVTLPAG IYHRFTVDEK NYTKAMRLFV GEPVWTAYNR PADHFEARGQ YVKFLAQTA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ADI1 acireductone dioxygenase 1 [Homo sapiens]

Official Symbol ADI1

Synonyms ADI1; acireductone dioxygenase 1; 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase; APL1; ARD; FLJ10913; HMFT1638; membrane type 1 matrix metalloproteinase cytoplasmic tail binding protein 1; MTCBP 1; SIPL; submergence induced protein 2; submergence-induced protein-like factor; MT1-MMP cytoplasmic tail-binding protein-1; acireductone dioxygenase (Fe(2+)-requiring); acireductone dioxygenase (Ni(2+)-requiring); membrane-type 1 matrix metalloproteinase cytoplasmic tail binding protein-1; Fe-ARD; MTCBP1; Ni-ARD

Gene ID 55256

mRNA Refseq NM_018269

Protein Refseq NP_060739

MIM 613400

UniProt ID Q9BV57

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