



Recombinant Human 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase (ADI1)

Product Code	CSB-EP861145HU
Abbreviation	ADI1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BV57
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVQAWYMDDA PGDPRQPHRP DPGRPVGLEQ LRRLGVLYWK LDADKYENDP ELEKIRRERN YSWMDIITIC KDKLPNYEEK IKMFYEEHLH LDDEIRYILD GSGYFDVRDK EDQWIRIFME KGDMVTL PAG IYHRFTVDEK NYTKAMRLFV GEPVWTAYNR PADHFEARGQ YVKFLAQTA
Source	E.coli
Target Names	ADI1
Protein Names	Recommended name: 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase EC= 1.13.11.54 Alternative name(s): Acireductone dioxygenase (Fe(2+)- requiring) Short name= ARD Short name= Fe-ARD Membrane-type 1 matrix metalloprotei
Expression Region	1-179
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. A pseudogene that is located on chromosome 20 has been defined for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



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