

## Cis-aconitate decarboxylase (ACOD1) Recombinant Protein | ACOD1 recombinant protein

Recombinant Human Cis-aconitate decarboxylase (ACOD1)

CATALOG #  
**AAA115612**

HOST  
**E Coli or Yeast or Baculovirus or Mammalian Cell**

### PRODUCT SYNONYMS

Cis-aconitate decarboxylase (ACOD1); Recombinant Human Cis-aconitate decarboxylase (ACOD1); ACOD1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence Positions      | 1-481aa; Full Length Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                | MMLKSITESF ATAIHGLKVG HLTDRVIQRS KRMILDTLGA GFLGTTTEVF HIASQYSKIY SSNISSTVWG<br>QPDIRLPPTY AAFVNGVAIH SMDFDDTWHP ATHPSGAVLP VLTALAEALP RSPKFSGLDL LLAFNVGIEV<br>QGRLLHFAKE ANDMPKRFHP PSVVGTLGSA AAASKFLGLS STKCREALAI AVSHAGAPMA NAATQTKPLH<br>IGNAAKHGIE AAFLAMLGLQ GNKQVLDLEA GFGAFYANYS PKVLPSIASY SWLLDQQDVA FKRFP AHLST<br>HWVADAAASV RKHLVAERAL LPTDYIKRIV LRIPNVQYVN RPFVSEHEA RSHFQYVACA MLLDGGITVP<br>SFHECQINRP QVRELLSKVE LEYPPDNLPS FNILYCEISV TLKDGAFTFD RSDTFYGHWR KPLSQEDLEE<br>KFRANASKML SWDTVESLIK IVKNLEDLED CSVLTLLKG PSPPEVASNS PACNNSITNL S |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                |

### NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | <a href="#">385719224</a>      |
| NCBI GeneID                      | <a href="#">730249</a>         |
| NCBI Accession #                 | <a href="#">NP_001245335.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001258406.1</a> |
| UniProt Accession #              | <a href="#">A6NK06</a>         |
| Molecular Weight                 | 58.6 kDa                       |
| NCBI Official Full Name          | cis-aconitate decarboxylase    |
| NCBI Official Synonym Full Names | aconitate decarboxylase 1      |
| NCBI Official Symbol             | ACOD1                          |
| NCBI Official Synonym Symbols    | CAD; IRG1                      |
| NCBI Protein Information         | cis-aconitate decarboxylase    |
| UniProt Protein Name             | Cis-aconitate decarboxylase    |
| UniProt Gene Name                | <b>ACOD1</b>                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/acod1-recombinant-protein-e-coli/115612>