

# Recombinant Human ADC, GST-tagged

**Cat. No.** ADC-9403H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ADC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                           |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 251-460a.a.                                                                                                                                                       |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ADC arginine decarboxylase [ Homo sapiens ]                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b> | ADC                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | ADC; arginine decarboxylase; KIAA1945; ODC p; ODC1L; ornithine decarboxylase like; KIAA1945; L-Arginine carboxy lyase; ODC paralog; ODC1L; ODCp; ARGDC; ODC-paralogue; antizyme inhibitor 2; ODC antizyme inhibitor-2; ornithine decarboxylase-paralog; ornithine decarboxylase-like protein; AZI2; ODC-p; |

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 113451                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | NM_052998                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_443724                                                                                                                                                                                                                                                        |
| <b>MIM</b>                 | 608353                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>          | Q96A70                                                                                                                                                                                                                                                           |
| <b>Chromosome Location</b> | 1p35.1                                                                                                                                                                                                                                                           |
| <b>Pathway</b>             | Agmatine biosynthesis, organism-specific biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem |
| <b>Function</b>            | arginine decarboxylase activity; lyase activity                                                                                                                                                                                                                  |