

Recombinant Human ADC, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	ADC arginine decarboxylase [Homo sapiens]
Official Symbol	ADC
Synonyms	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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Gene ID	113451
mRNA Refseq	NM_052998
Protein Refseq	NP_443724
MIM	608353
UniProt ID	Q96A70
Chromosome Location	1p35.1
Pathway	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
Function	arginine decarboxylase activity; lyase activity