

## Recombinant Mouse Ado Protein, Myc/DDK-tagged

Cat. No. Ado-1542M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length 2-aminoethanethiol (cysteamine) dioxygenase (Ado), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	ADO adds 2 oxygen atoms to free cysteamine to form hypotaurine in the catalytic reaction: 2-aminoethanethiol + O <sub>2</sub> = hypotaurine. Mitochondrial protein predicted by Entrez gene.
<b>Molecular Mass</b>	27.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Ado 2-aminoethanethiol (cysteamine) dioxygenase [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ado
<b>Synonyms</b>	ADO; 2-aminoethanethiol (cysteamine) dioxygenase; 2-aminoethanethiol dioxygenase; cysteamine dioxygenase; Gm237; MGC67243; MGC73511
<b>Gene ID</b>	211488
<b>mRNA Refseq</b>	NM_001005419
<b>Protein Refseq</b>	NP_001005419
<b>UniProt ID</b>	Q6PDY2

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