

## Recombinant Mouse Dao protein(1-345aa), His-tagged

Cat. No. Dao-3229M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Dao protein(P18894)(1-345aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-345aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	42.7 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

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**AA Sequence**

MRVAVIGAGVIGLSTALCIHERYHPTQPLHMKIYADRFTPFTTSDVAAGLWQPYLSDP  
SNPQEAIEWSQQTFDYLLSCLHSPNAEKMGLALISGYNLF RDEVPDPFWKNAVLGFR  
KLTPSEMDLFPDYGYGWFNTSLLLEGKSYLPWLTERLTERGVKLIHRKVESLEEVAR  
GVDVIINCTGVWAGALQADASLQPGRGQIIQVEAPWIKHFILTHDPSLGIYNSPYIIPG  
SKTVTLGGIFQLGNWSGLNSVRDHNTIWKSCCKLEPTLKNARIVGELTGFRPVRPQV  
RLEREWLRHGSSSAEVIHNYGHGGYGLTIHWGCAMEAANLFGKILEEKKLSRLPPS  
HL

**GENE INFORMATION**

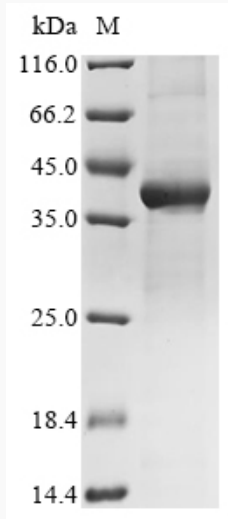
<b>Gene Name</b>	Dao D-amino acid oxidase [ Mus musculus ]
<b>Official Symbol</b>	Dao
<b>Synonyms</b>	DAO; D-amino acid oxidase; D-amino-acid oxidase; DAAO; DAMOX; D-amino acid oxidase 1; Dao1; Dao-1; AI987963;
<b>Gene ID</b>	13142
<b>mRNA Refseq</b>	NM_010018
<b>Protein Refseq</b>	NP_034148

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**SDS-PAGE**



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