

Recombinant Mouse Ass1 protein, His&Myc-tagged

Cat. No. Ass1-391M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ass1 protein(P16460)(1-412aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-412aa
Form	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.
Molecular Mass	51.6 kDa
AA Sequence	MSSKGSVVLAYSGGLDTSCILVWLKEQGYDVIAYLANIGQKEDFEEARKKALKLGAK KVFIEDVSKEFVEEFIWPAVQSSALYEDRYLLGTSLARPCIARRQVEIAQREGAKYVS HGATGKGNDQVRFELTCYSLAPQIKVIAPWRMPEFYNRFKGRNDLMEYAKQHGIPI VTPKSPWSMDENLMHISYEAGILENPKNQAPPGLYTKTQDPAKAPNSPDVLEIEFKK GVPVKVTNIKDGTTTRTTSLELFMYLNEVAGKHGVGRIDIVENRFIGMKSRGIYETPAG TILYHAHLDIEAFTMDREVRKIKQGLGLKFAELVYTGFWHSPECEFVRHCIQKSQERV EGKVQVSVFKGQVYILGRESPLSLYNEELVSMNVQGDYEPIDATGFININSLRLKEYH RLQSKVTAK
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage

Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION
Gene Name

[Ass1 argininosuccinate synthetase 1 \[Mus musculus \]](#)

Official Symbol

[Ass1](#)

Synonyms

ASS1; argininosuccinate synthetase 1; argininosuccinate synthase; arginosuccinate synthetase 1; citrulline--aspartate ligase; ASS; fold; Ass-1; AA408052; MGC103151;

Gene ID

[11898](#)

mRNA Refseq

[NM_007494](#)

Protein Refseq

[NP_031520](#)

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