

Recombinant Mouse Ass1 Protein, MYC/DDK-tagged

Cat. No. Ass1-659M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse argininosuccinate synthetase 1 (Ass1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in liver adult (RPKM 1308.6), kidney adult (RPKM 838.7) and 2 other tissues.
Molecular Mass	46.6 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Ass1 argininosuccinate synthetase 1 [Mus musculus (house mouse)]
Official Symbol	Ass1
Synonyms	Ass1; argininosuccinate synthetase 1; ASS; fold; Ass-1; AA408052; argininosuccinate synthase; arginosuccinate synthetase 1; citrulline--aspartate ligase; EC 6.3.4.5
Gene ID	11898
mRNA Refseq	NM_007494
Protein Refseq	NP_031520
UniProt ID	P16460

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