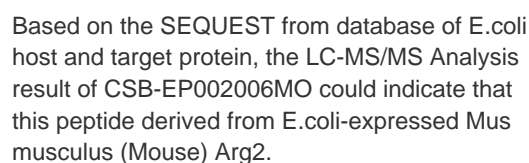
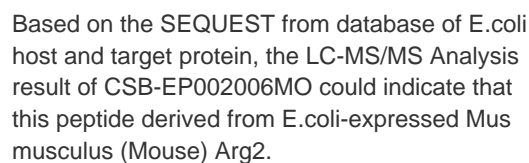




Recombinant Mouse Arginase-2, mitochondrial (Arg2)

Product Code	CSB-EP002006MO
Relevance	May play a role in the regulation of extra-urea cycle arginine metabolism and also in down-regulation of nitric oxide synthesis.
Abbreviation	Recombinant Mouse Arg2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O08691
Alias	Kidney-type arginase;Non-hepatic arginaseType II arginase
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	VH SVAIVGAPFSRGQKKLGVEYGPA AIREAGLLKRLSRLGCHLKDFGDL SFTN VPQDDPYNNLVVYPRSVGLANQELAEVVSRAVSGGYSCVTMGGDHSLAIGTII GHARHRPDL CVI WVDAHADINTPLTTVSGNIHGQPLSFLIKELQDKVPQLPGFS WIKPCLSPPNIVYIGLRDVEPPEHFILKNYDIQYFSMREIDRLGIQKVMEQTFDR LIGKRQRPIHLSFDIDAFDPKLAPATGTPVVGGLTYREGVYITEEIHNTGLLSALD LVEVNPPLATSEEEAKATARLAVDVIASSFGQTREGGHIVYDHLPTPSSPHESE NEECVRI
Research Area	Others
Source	E.coli
Target Names	Arg2
Protein Names	Recommended name: Arginase-2, mitochondrial EC= 3.5.3.1 Alternative name(s): Kidney-type arginase Non-hepatic arginase Type II arginase
Expression Region	23-354aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	52.4kDa
Protein Length	Full Length of Mature Protein
Image	



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.

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