



Recombinant *Coccidioides immitis* Arginase (ARG)

Product Code	CSB-YP626036DUV
Abbreviation	ARG
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.	Q1E180
Product Type	Recombinant Protein
Immunogen Species	<i>Coccidioides immitis</i> (strain RS) (Valley fever fungus)
Purity	≥85% (SDS-PAGE)
Sequence	MTSPSTIKQK FIAKGHQLGV VAVGFSDGQP NQGVDPGLI EAGLLDQLRD DLEYDIRHDG KVHTYAEFVP EHDPNHRGMK KPRTVSAATQ QLSRQVYEHA REGRLVLTG GDHSIAIGTI SGTAKAIRER LGREMAVIWV DAHADINRPE DSDSGNIHGM PLAFLTGLAK DDNEDMFGWL QPDNLISPRK LVYIGLRDVD RAEKRLLEH GIKAFSMHDI DKYGIGRVVE MALAHIGQDT PIHLSFDVDA LDPQWAPSTG TPVRGGLTLR EGDFIAESIH ETGSLVAMD L VEVNPTLETL GASETIRAGC SLVRSALGDT LL
Source	Yeast
Target Names	ARG
Protein Names	Recommended name: Arginase EC= 3.5.3.1
Expression Region	1-322
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.
Shelf Life	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.