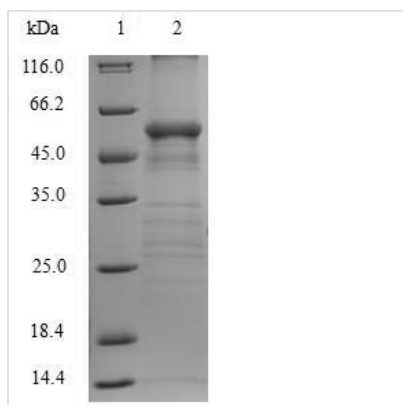




Recombinant Human Arginase-1 (ARG1)

Product Code	CSB-EP002005HU
Abbreviation	Recombinant Human ARG1 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.	P05089
Alias	Liver-type arginase Type I arginase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSAKSRTIGIIGAPFSKGGQPRGGVEEGPTVLRKAGLLEKLKEQECDVKDYGDL PFADIPNDSPFQIVKNPRSVGKASEQLAGKVAEVKKNGRISLVLGGDHSLAIGSI SGHARVHPDLGVIWVDAHTDINTPLTTTSGNLHGQPVSFLLKELKGKIPDVPGF SWVTPCISAKDIVYIGLRDVPGEHYILKTLGIKYFSMTEVDRLGIGKVMEEETLS YLLGRKKRPIHLSFDVDGLDPSFTPATGTPVVGGLTYREGLYITEEIKTGLLSG LDIMEVNP SLGKTPEEVTRTVNTAVAITLACFGLAREGNHKPIDYLNPPK
Research Area	Signal Transduction
Source	E.coli
Target Names	ARG1
Protein Names	Recommended name: Arginase-1 EC= 3.5.3.1 Alternative name(s): Liver-type arginase Type I arginase
Expression Region	1-322aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	61.7kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.