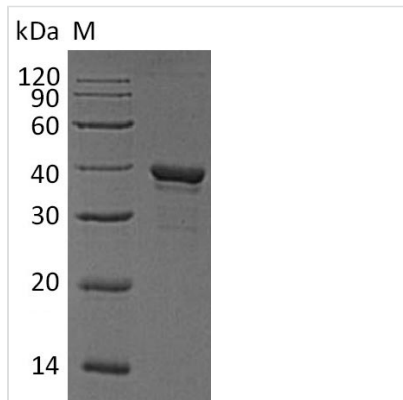




Recombinant Human Arginase-1 (ARG1) (Active)

Product Code	CSB-AP005611HU
Uniprot No.	P05089
Form	Liquid
Storage Buffer	0.2 μ m filtered 20 mM Tris-HCl, 150 mM NaCl, 20% Glycerol, 1 mM DTT, pH 7.4
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Specific activity as determined by the production of urea during the hydrolysis of arginine is greater than 30000 pmol/min/?g.
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSAKSRTIGIIGAPFSKGGQPRGGVEEGPTVLRKAGLLEKLKEQECVKDYGDL PFADIPNDSPFQIVKNPRSVGKASEQLAGKVAEVKKNGRISLVLGGDHSLAIGSI SGHARVHPDLGVIWVDAHTDINTPLTTTSGNLHGQPVSFLLKELKGKIPDVPGF SWVTPCISAKDIVYIGLRDVPGEHYILKTLGIKYFSMTEVDRLGIGKVMEEETLS YLLGRKKRPIHLSFDVDGLDPSFTPATGTPVVGGLTYREGLYITEEIIYKTGLLSG LDIMEVNPSTLGLKTPPEVTRTVNTAVAITLACFGLAREGNHKPIDYLNPPK
Research Area	Signal Transduction
Source	Mammalian cell
Target Names	ARG1
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	C-terminal 6xHis-tagged
Mol. Weight	35.6 kDa
Protein Length	Full Length

Image



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

Endotoxin

Less than 1.0 EU/ μ g as determined by LAL method.



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.