

Product Data Sheet

Recombinant Human ARG2 Protein

Catalog #	Source	Reactivity	Applications
CRP1077	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ARG2 Protein is produced by our E. coli expression system and the target gene encoding Met1-Ile354 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 50mM HEPES, 150mM NaCl, pH7.5.		
Gene Symbol	ARG2		
Alternative Names	Arginase-2, mitochondrial; Kidney-type arginase; Non-hepatic arginase; Type II arginase		
Entrez Gene	384 (Human)		
SwissProt	P78540 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MSLRGSLRSL LQTRVHSILK KSVHSAVIG APFSQGQKRK GVEHGPAAIR EAGLMKRLSS LGCHLKDFGD LSFTVPVKDD LYNNLIVNPR SVGLANQELA EVVSRAVSDG YSCVTLGGDH SLAIGTISGH ARHCPDLCVV WVDAHADINT PLTTSSGNLH GQPVSFLLRE LQDKVPQLPG FSWIKPCISS ASIVYIGLRD VDPPEHFILK NYDIQYFSMR DIDRLGIQKV MERTFDLLIG KRQRPIHLSF DIDAFDPTLA PATGTPVVGG LTYREGMYIA EEIHNTGLLS ALDLVEVNPQ LATSEEEAKT TANLAVDVIA SSFGQTREGG HIVYDQLPTP SSPDESENQA RVRI		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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