

Arginase II Recombinant Protein | Arg2 recombinant protein

Recombinant Arginase II (Arg2)

CATALOG # AAA144385	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Arginase II; Recombinant Arginase II (Arg2); Arg2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHH HHHSGSEF-V HSAIVGAPF SRGQKKLGVE YGPAAIREAG LLKRLSRLGC HLKDFGDLSF TNVPQDDPYN NLVVYPRSVG LANQELAEVV SRAVSGGYSC VTMGGDHSLA IGTIIGHARH RPDLCVIWVD AHADINTPLT TVSGNIHQGP LSFLIKELQD KVPQLPGFSW IKPCLSPNNI VYIGLRDVEP PEHFILKNYD IQYFSMREID RLGIQKVM EQ TFDRLIGKRQ RPIHLSFDID AFDPKLAPAT GTPVVGGLTY REGVYITEEI HNTGLLSALD LVEVNPPLAT S EEEAKATAR LAVDVIASSF GQTREGGHIV YDHLPTPSSP HESENEECVR I
Sequence Length	354
Applicable Applications for Arg2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	37.9kDa
Accurate Molecular Mass (KD)	66kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Mus musculus (Mouse)
Fragment	Val23~Ile354
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	1763758
NCBI GeneID	384
Molecular Weight	38,578 Da
NCBI Official Full Name	arginase II
NCBI Official Synonym Full Names	arginase 2
NCBI Official Symbol	ARG2
NCBI Protein Information	arginase-2, mitochondrial
UniProt Protein Name	Arginase-2, mitochondrial
UniProt Gene Name	ARG2
UniProt Entry Name	ARGI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/arg2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144385>