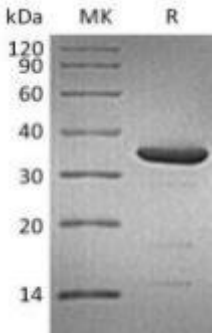


## Recombinant Human ARG2(C-6His)

 Catalog#:P01242 Derived from *E.coli*

<b>DESCRIPTION</b>	Recombinant Human Arginase-2, Mitochondrial is produced by our E.coli expression system and the target gene encoding His24-Gly330 is expressed with a 6His tag at the C-terminus. <b>Accession#:</b> P78540 <b>Known as:</b> Arginase-2, mitochondrial; Kidney-type arginase; Non-hepatic arginase; Type II arginase; ARG2
<b>FORMULATION</b>	Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, pH 7.5.
<b>SHIPPING</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>STORAGE</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>QUALITY CONTROL</b>	<b>Mol Mass:</b> 34.2kDa <b>AP Mol Mass:</b> 33kDa, reducing conditions. <b>Purity:</b> Greater than 95% as determined by reducing SDS-PAGE. <b>Endotoxin:</b> Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
<b>BACKGROUND</b>	Arginase-2 (ARG2) is a member of the arginase family. Arginase is a manganese-containing enzyme which catalyzes the hydrolysis of arginine to ornithine and urea. ARG2 is highly expressed in kidney and prostate, not founded in the liver, heart and pancreas. ARG2 has been implicated in the regulation of the arginine/ornithine concentrations in the cell. ARG2 may take part in the regulation of extra-urea cycle arginine metabolism and in down-regulation of nitric oxide synthesis. The extrahepatic arginase functions to regulate L-arginine bioavailability to NO synthase.
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"><b>SDS-PAGE</b></div>  </div>	