

## Recombinant Rat Akr7a3, His-tagged

Cat. No. Akr7a3-3236R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Aflatoxin B1 aldehyde reductase member 3 (Akr7a3)
<b>Species</b>	Rat
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	327
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	Small volumes of Akr7a3 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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## GENE INFORMATION

<b>Gene Name</b>	Akr7a3 aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase) [ Rattus norvegicus ]
<b>Official Symbol</b>	Akr7a3
<b>Synonyms</b>	AKR7A3; aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase); aflatoxin B1 aldehyde reductase member 3; rAFAR1; AFB1-AR; aflatoxin B1 aldehyde reductase member 1; Afar; Akr7a1;
<b>Gene ID</b>	26760
<b>mRNA Refseq</b>	NM_013215
<b>Protein Refseq</b>	NP_037347
<b>Pathway</b>	Metabolism of xenobiotics by cytochrome P450, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, conserved biosystem;
<b>Function</b>	alditol:NADP+ 1-oxidoreductase activity; aldo-keto reductase (NADP) activity; oxidoreductase activity;

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