

Recombinant Mouse Akr1b3, His-tagged

Cat. No. Akr1b3-3268M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Aldose reductase (Akr1b1)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	316
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Akr1b3 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.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Akr1b3 aldo-keto reductase family 1, member B3 (aldose reductase) [Mus musculus]
Official Symbol	Akr1b3
Synonyms	AR; ALR2; Ahr1; Ahr-1; Aldr1; Akr1b1; Aldor1; aldose reductase; aldehyde reductase 1; aldo-keto reductase family 1, member B1 (aldose reductase)
Gene ID	11677
mRNA Refseq	NM_009658
Protein Refseq	NP_033788
UniProt ID	P45376
Chromosome Location	6 B1; 6 14.87 cM
Pathway	Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem
Function	alditol:NADP+ 1-oxidoreductase activity; oxidoreductase activity

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