

Recombinant Mouse Akr1a1 Protein, Myc/DDK-tagged

Cat. No. Akr1a1-1582M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aldo-keto reductase family 1, member A1 (aldehyde reductase) (Akr1a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in kidney adult (RPKM 1079.8), large intestine adult (RPKM 404.9) and 27 other tissues
Molecular Mass	36.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Akr1a1 aldo-keto reductase family 1, member A1 (aldehyde reductase) [Mus musculus (house mouse)]
Official Symbol	Akr1a1
Synonyms	AKR1A1; aldo-keto reductase family 1, member A1 (aldehyde reductase); alcohol dehydrogenase [NADP(+)]; aldehyde reductase; alcohol dehydrogenase; aldo-keto reductase family 1 member A1; aldo-keto reductase family 1, member A4 (aldehyde reductase); Akr1a4; 2610201A18Rik
Gene ID	58810
mRNA Refseq	NM_021473
Protein Refseq	NP_067448
UniProt ID	Q9JII6