

Recombinant Human AKR1B1 protein(11-290 aa), C-His-tagged

Cat. No. AKR1B1-2656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKR1B1 protein(P15121)(11-290 aa), fused with C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	11-290 aa
Form	0.15 M Phosphate buffered saline
Storage	Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing. Up to 12 months when aliquoted and stored at -20 to -80°C.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
AA Sequence	AKMPILGLGTWKSPPGQVTEAVKVAIDVGYRHIDCAHVYQNEVEGVAIQEKLREQV VKREELFIVSKLWCTYHEKGLVKGACQKTLSDLKLDYLDLYLIHWPTGFKPGKEFFPL DESGNVVPSDTNILDRTWAAMEELVDEGLVKAIGISNFNHLQVEMILNKPGLKYKPAV NQIECHPYLTQEKLQYQSKGIVVTAYSPLGSPDRPWAKPEDPSLLEDPRIKAIKAAK HNKTTAQVLIRFPMQRNLVVIKSVTPERIAENFKVDFELSSQDMTTLL

GENE INFORMATION

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Gene Name	AKR1B1 aldo-keto reductase family 1, member B1 (aldose reductase) [Homo sapiens]
Official Symbol	AKR1B1
Synonyms	AKR1B1; aldo-keto reductase family 1, member B1 (aldose reductase); ALDR1; aldose reductase; AR; aldehyde reductase 1; low Km aldose reductase; Lii5-2 CTCL tumor antigen; aldo-keto reductase family 1 member B1; ADR; ALR2; MGC1804;
Gene ID	231
mRNA Refseq	NM_001628
Protein Refseq	NP_001619
MIM	103880
UniProt ID	P15121

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