

Recombinant Human AKR1B1 protein, His-tagged

Cat. No. AKR1B1-9531H **Lot. No.** (See product label)

SPECIFICATION

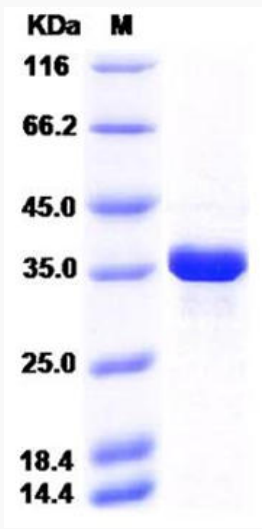
Product Overview	Recombinant Human AKR1B1 protein(P15121) (Met 1-Phe 316) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-316 aa
Form	Lyophilized from sterile PBS, 20% glycerol, pH 7.5.
Molecular Mass	The recombinant human AKR1B1 comprises 332 amino acids and has a predicted molecular mass of 37.9 kDa. It migrates as an approximately 36 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

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
SDS-PAGE	

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