

Datasheet for ABIN667103
AKR1B10 Protein (AA 1-316)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	AKR1B10
Protein Characteristics:	AA 1-316
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	AKR1B10, 1-316 aa, Human, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	AKR1B10
Alternative Name:	AKR1B10 (AKR1B10 Products)
Background:	AKR1B10, also known as Aldo-keto reductase family 1, member B10, AKR1B10 is a monomeric protein that efficiently catalyzes the reduction of aromatic and aliphatic aldehydes and ketones. AKR1B10 is ubiquitously expressed in many human tissues but is highly expressed in small intestine, colon and adrenal gland. This protein is pathogenically involved in diabetic complications and has been reported that AKR1B10 is overexpressed in human tumors, such as liver, breast, and lung cancer, and may play a critical role in the development and progression

Target Details

of cancer. Recombinant human AKR1B10 protein was expressed in E.coli and purified by using conventional chromatography. Synonyms: AKR1B11, AKR1B12, ALDRLn, ARL-1, ARL1, HIS, HIS, Aldo-keto reductase family 1, member B10, AKR1B10, Aldo-keto reductase family 1, member B10 Aldose reductase like, Aldose reductase related protein, ARL 1, hARP, SI reductase, Small intestine reductase. NCBI no.: NP_064695

Molecular Weight: 36 kDa (316aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

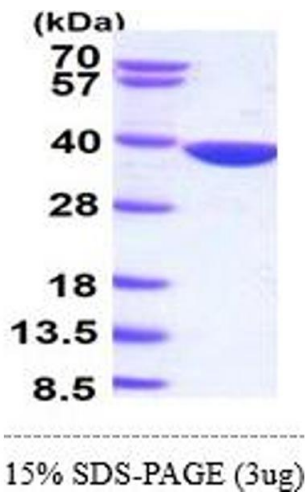
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.

Storage: 4 °C

Images



SDS-PAGE

Image 1.