

# Human AKR1B10 Recombinant Protein



RPPB5793

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## Product Information    Protein Information

**Product SKU:**

RPPB5793

**Accession:**

060218

**Host:**

Escherichia Coli.

**Protein description:**

AKR1B10 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 316 amino acids (1-316 a.a) and having a molecular mass of 36 kDa. The AKR1B10 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear colorless solution.

**Synonyms:**

HIS, HSI, ARL1, ARL-1, ALDRLn, AKR1B11, AKR1B12, MGC14103, AKR1B10, Aldo-keto reductase family 1 member B10, Aldose reductase-like, Aldose reductase-related protein, ARP, hARP, Small intestine reductase, SI reductase.

**Formulation:**

The AKR1B10 solution contains 20mM Tris-HCl pH-8 and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MATFVELSTK AKMPIVGLGT WKSPLGVKE AVKVAIDAGY RHIDCAYVYQ NEHEVGEAIQ EKIQEKA  
VLRKAFEKTILKDL KLSYLDVYLI HWPQGFKSGD DLFPKDDKGN AIGGKATFLD  
EDLFIVSKLW PTFFERPLVKA  
EWEAMEELVD EGLVKALGVS NFSHFQIEKL LNKPGLK  
SPLGSPDRPW AKPEDPSLLE DP  
LSDEEMATIL SFNRNWRACN VLQSSHLEDY PFDAEY.