



Recombinant Rat Aldose reductase-related protein 1 (Akr1b7)

Product Code	CSB-MP732836RA
Abbreviation	Akr1b7
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q5RJP0
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MTTFVKLRRTK AKMPLVGLGT WKSPPGQVKE AVKAAIDAGY RHFDCAVYVYQ NESEVGELAIQ EKIKEKAVRR EDLFIVSKLW STFFEKSLMK EAFQKTLSDL KLDYLDLYLI HWPQGLQAGK EFLPKDSQGK VLMSKSTFLD AWEGMEELVD QGLVKALGVS NFNHFQIERL LNKPGCLKHKP VTNQVECHPY LTQEKLQIYC HSKGIAGIAY SPLGSPDRPY AKPEDPVVLE IPKIKEIAAK HKKTIAQVLI RFHVQRNVAV IPKSVTLSHI KENIQVFDFQ LSEEDMAAIL SLNRNWRACG LFVTSDEEDF PFHEEY
Source	Mammalian cell
Target Names	Akr1b7
Protein Names	Recommended name: Aldose reductase-related protein 1 EC= 1.1.1.21 Alternative name(s): Aldehyde reductase Aldo-keto reductase family 1 member B7 Aldose reductase-like protein AKR1B14
Expression Region	1-316
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.