



Recombinant Rat Aldose 1-epimerase (Galm)

Product Code	CSB-EP717946RA
Abbreviation	Galm
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.	Q66HG4
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	VSVTRTVFG ELPSGGGAVE KFQLRSDQLN VDIISWGCTI TALQVKDRQG KASDVVLGFA ELEGYLQKQP YFGAVVGRVA NRIAKGRFTV DGKEYHLPIN REPNSLHGGF RGFDKVLWTP QVLSNGVQFS RVSPDGEEGY PGELKVVVWV TY TLDGGELVVN YRAQASQTTP VNLTNHSYFN LAGQGSPDIY DHEVTIAADA YLPVDETLIP TGVIAPVEGT AFDLRKPV EL GKHLQSYHIH GFDHNFCLKE SKEKKFCARV HHAASGRILE VYTTQPGVQF YTG NFLDGT L KGKSGEVYPK HSGFCLETQN WPD AVNQPQF PPILLRPGEE YNHTTWFKFS VA
Source	E.coli
Target Names	Galm
Protein Names	Recommended name: Aldose 1-epimerase EC= 5.1.3.3 Alternative name(s): Galactose mutarotase
Expression Region	2-342
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 of Mature 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.