



Recombinant *Acinetobacter calcoaceticus* Aldose 1-epimerase (mro)

Product Code	CSB-MP009200AWR
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.	P05149
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	<i>Acinetobacter calcoaceticus</i>
Purity	>85% (SDS-PAGE)
Sequence	ATLNVKSYGT TQNGQKVDLY TMSNNGVSV SFISFGGVIT QILTPDAQGK QNNIVLGFDD LKGYEVTDTK EGIHFGGLIG RYANRIGNAK FSLDGKTYNL EKNNPNSLH SGNPGFDKRV WQVKPLVSKG ETVKASLKLTP SPNGDQGFPG KLDVEVIYSL SDQNEFKIEY KAKTDQPTVV NLTNHSYFNL SGAGNNPYGV LDHVVQLNAG RILVTDQNSL PTGEIASVAG TPFDFRMPKA IVKDIRANNQ QLAYGYGYDQ TWVINQKSQG KLNLAIVVD PKSKRTMQVL TTEPSVQMYT ADHLLGNIVG ANGVLYRQAD ALALETQHFP DSPNQPTFPS TRLNPNQTYN SVTVFKFGVQ K
Source	Mammalian cell
Target Names	mro
Protein Names	Recommended name: Aldose 1-epimerase EC= 5.1.3.3 Alternative name(s): Galactose mutarotase Type-1 mutarotase
Expression Region	21-381
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.