

Recombinant Human GALM Protein (His Tag)

Catalog Number:PKSH032469



Note: Centrifuge before opening to ensure complete recovery of vial contents.

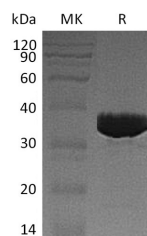
Description

Synonyms	Aldose 1-Epimerase;Galactose Mutarotase;GALM
Species	Human
Expression Host	E.coli
Sequence	Ala2-Ala342
Accession	Q96C23
Calculated Molecular Weight	38.8 kDa
Observed molecular weight	34 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at -20°C , stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at -20°C .
Formulation	Supplied as a $0.2\ \mu\text{m}$ filtered solution of PBS, pH7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Galactose Mutarotase (GALM) is a cytoplasmic enzyme that belongs to the Aldose Epimerase family. GALM is a Mutarotase that converts α -Aldose to the β -Anomer. GALM is active on D-Glucose, L-Arabinose, D-Xylose, D-Galactose, Maltose and Lactose. GALM may be required for normal Galactose metabolism by maintaining the equilibrium of α - and β - anomers of Galactose.

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