

## Galactose Mutarotase Human Recombinant

<b>Item Number</b>	rAP-1399
<b>Synonyms</b>	Aldose 1-epimerase, BLOCK25, IBD1, EC=5.1.3.3, GALM, galactose mutarotase.
<b>Description</b>	GALM Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 362 amino acids (1-342 a.a.) and having a molecular mass of 39.9 kDa. The GALM is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.&nbsp;
<b>Uniprot Accesion Number</b>	Q96C23
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MASVTRAVFG ELPSGGTVE KFQLQSDLLR VDIISWGCTI TALEV-KDRQG RASDVVLGFA ELEGYLQKQP YFGAVIGRVA NRIAKGTFKV DGKEYHLAIN KEPNSLHGGV RGFDKVLWTP RVLNSGVQFS RISPDGEEGY PGELKVVWVY TLDGGELIVN YRAQASQATP VNLT-NHSYFN LAGQASPNIN DHEVTIEADT YLPVDETLIP TGEVAPVQGT AFDLRKPVEL GKHLQDFHLN GFDHNFCLKG SKEKHFCARV HHAASGRVLE VYTTQPGVQF YTGNFLDGTL KGKNGAVYYPK HSGFCLETQN WPDVAVNQPRF PPVLLRPGEE YDHTTWFKFS VA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks. Store, frozen at -20&deg;C for longer periods of time.&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	GALM solution (1mg/ml) contains 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**