9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2345: GALM Recombinant Protein

Alternative Name : Aldose 1-epimerase,BLOCK25,IBD1,EC=5.1.3.3,GALM,galactose mutarotase.

Description

Source : Escherichia Coli. GALM Recombinant Human 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 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. GALM is a main enzyme of carbohydrate metabolism catalysing the translation of beta-D-galactose to alpha-D-galactose. GALM is needed for normal galactose metabolism by preserveing the equilibrium of alpha and beta anomers of galactose. GALM is required for the production of complex oligosaccharides.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	GALM Human solution containing 20mM Trsi pH-8, & 10% glycerol.
Storage condition :	GALM Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MASVTRAVFG ELPSGGGTVE KFQLQSDLLR VDIISWGCTI TALEVKDRQG RASDVVLGFA ELEGYLQKQP YFGAVIGRVA NRIAKGTFKV DGKEYHLAIN KEPNSLHGGV RGFDKVLWTP RVLSNGVQFS RISPDGEEGY PGELKVWVTY TLDGGELIVN YRAQASQATP VNLTNHSYFN LAGQASPNIN DHEVTIEADT YLPVDETLIP TGEVAPVQGT AFDLRKPVEL GKHLQDFHLN GFDHNFCLKG SKEKHFCARV HHAASGRVLE VYTTQPGVQF YTGNFLDGTL KGKNGAVYPK HSGFCLETQN WPDAVNQPRF PPVLLRPGEE YDHTTWFKFS VA.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.