

32-7256: Recombinant Human Galactose Mutarotase/GALM (C-6His)

Gene : GALM
Gene ID : 130589
Uniprot ID : Q96C23

Description

Source: E.coli.
MW :38.8kD.

Recombinant Human Galactose Mutarotase is produced by our E.coli expression system and the target gene encoding Ala2-Ala342 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 μ g / 50 μ g
Content : Supplied as a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : ASVTRAVFGELPSGGGTVEKFQLQSDLLRVDIISWGCTITALEVKDRQGRASDVVLGFAELEGYLQKQPYFGAV
IGRVANRIAKGTFKVDGKEYHLAINKEPNSLHGGVGRGFDKVLWTPRVLSNGVQFSRISPDGEEGYPGELKVWVT
YTLDDGELIVNYRAQASQATPVNLTNHSYFNLAGQASPNINDHEVTIEADTYLPVDETLIPTGEVAPVQGTAFDL
RKPVELGKHLQDFHLNGFDHNFCLKGSKEKHFCARVHHAASGRVLEVYTTQPGVQFYTGNFLLDGLTKGKNGA
VYPKHSGFCLETQNWPDVAVNQPRFPVLLRPGEEYDHTTWFKFSVALEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.