Cohesion BIOSCIENCES

Product Data Sheet

Recombinant Human GALM Protein

Catalog #	Source	Reactivity	Applications
CRP1597	E. coli	Human	E, WB, SDS-PAGE, MS

Description
Recombinant Human GALM Protein 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.

Form
Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol
GALM

Alternative Names
Aldose 1-epimerase; Galactose mutarotase

Entrez Gene
130589 (Human)

SwissProt
Q96C23 (Human)

Purity
Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure
ASVTRAVFGE LPSGGGTVEK FQLQSDLLRV DIISWGCTIT ALEVKDRQGR ASDVVLGFAE
LEGYLQKQPY FGAVIGRVAN RIAKGTFKVD GKEYHLAINK EPNSLHGGVR GFDKVLWTPR
VLSNGVQFSR ISPDGEEGYP GELKVWVTYT LDGGELIVNY RAQASQATPV NLTNHSYFNL
AGQASPNIND HEVTIEADTY LPVDETLIPT GEVAPVQGTA FDLRKPVELG KHLQDFHLNG
FDHNFCLKGS KEKHFCARVH HAASGRVLEV YTTQPGVQFY TGNFLDGTLK GKNGAVYPKH
SGFCLETQNW PDAVNQPRFP PVLLRPGEEY DHTTWFKFSV ALEHHHHHH

Quality Control
Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use
Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability
Store it at -20°C to -80°C for one year.

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