

## Recombinant Human GALM Protein

| Catalog #                 | Source   | Reactivity | Applications        |
|---------------------------|--|------------|---------------------|
| CRP1597                   | E. coli  | Human      | E, WB, SDS-PAGE, MS |
| <b>Description</b>        | 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.   |            |                     |
| <b>Form</b>               | Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.   |            |                     |
| <b>Gene Symbol</b>        | GALM   |            |                     |
| <b>Alternative Names</b>  | Aldose 1-epimerase; Galactose mutarotase   |            |                     |
| <b>Entrez Gene</b>        | 130589 (Human)   |            |                     |
| <b>SwissProt</b>          | Q96C23 (Human)   |            |                     |
| <b>Purity</b>             | Greater than 95% as determined by reducing SDS-PAGE.   |            |                     |
| <b>Chemical Structure</b> | ASVTRAVFGE LPSGGGTVEK FQLQSDLLRV DIISWGCTIT ALEVKDRQGR ASDVVLGFAE<br>LEGYLQKQPY FGAVIGRVAN RIAKGTKVKVD GKEYHLAINK EPNSLHGGVR GFDKVLWTPR<br>VLSNGVQFSR ISPDGEEGYP GELKVVVITYT LDGGELIVNY RAQASQATPV NLTNHSYFNL<br>AGQASPNIND HEVTIEADTY LPVDETLIPT GEVAPVQGTA FDLRKPVELG KHLQDFHLNG<br>FDHNFCLKGS KEKHFCARVH HAASGRVLEV YTTQPGVQFY TGNFLDGTKL GKNGAVYPKH<br>SGFCLETQNW PDAVNQPRFP PVLLRPGEEY DHTTWFKFSV ALEHHHHHH |            |                     |
| <b>Quality Control</b>    | Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.   |            |                     |
| <b>Directions for Use</b> | Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.  |            |                     |
| <b>Storage/Stability</b>  | Store it at -20°C to -80°C for one year.   |            |                     |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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