

Product Data Sheet

Recombinant Human GALM Protein

Catalog #	Source	Reactivity	Applications
CRP1597	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human GALM Protein is produced by 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 GEVAPVQGT AFDLRKPVELG KHLQDFHLNG FDHNFCLKGS KEKHFCARVH HAASGRVLEV YTTQPGVQFY TGNFLDGTKL 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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

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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