

## Recombinant Human GALK1 Protein

Catalog #	Source	Reactivity	Applications
CRP1595	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human GALK1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Leu392 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
<b>Gene Symbol</b>	GALK1		
<b>Alternative Names</b>	GALK; Galactokinase; Galactose kinase		
<b>Entrez Gene</b>	2584 (Human)		
<b>SwissProt</b>	P51570 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MAALRQPQVA ELLAEARRAF REEFGAEPPEL AVSAPGRVNL IGEHTDYNQG LVLPMALELM TVLVGSPRKD GLVSLTTSE GADEPQRLQF PLPTAQRSLE PGTPRWANYV KGVIQYYPAA PLPGFSAVVV SSVPLGGGLS SSASLEVATY TFLQQLCPDS GTIAARAQVC QQAHEHSFAGM PCGIMDQFIS LMGQKGHALL IDCRSLETSL VPLSDPKLAV LITNSNVRHS LASSEYPVRR RQCEEVARAL GKESLREVQL EELEAARDLV SKEGFRRARH VVGEIRRTAQ AAAALRRGDY RAFGRMLVES HRSLRDDYEV SCELDQLVE AALAVPGVYG SRMTGGGGFGG CTVTLLEASA APHAMRHIQE HYGGTATFYL SQAADGAKVL CLLEHHHHHH		
<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

### COHESION BIOSCIENCES LIMITED

**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)