

Recombinant Human GALK2 Protein

Catalog #	Source	Reactivity	Applications
CRP1596	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human GALK2 Protein is produced by our Mammalian expression system and the target gene encoding Met1-Ala458 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 25mM Tris-HCl, 100mM glycine, 10% glycerol, pH7.3.		
Gene Symbol	GALK2		
Alternative Names	GK2; N-acetylgalactosamine kinase; GalNAc kinase; Galactokinase 2		
Entrez Gene	2585 (Human)		
SwissProt	Q01415 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>MATESPATRR VQVAEHPRL KKKEMFNSKF GSIPKFYVRA PGRVNIIGEH IDYCGYSVLP MAVEQDVLIA VEPVKTYALQ LANTNPLYPD FSTSANNIQI DKTKPLWHNY FLCGLKGIQE HFGLSNLTGM NCLVDGNIPP SSSLSSSSAL VCCAGLVTLT VLGRNLSKVE LAEICAKSER YIGTEGGGMD QSISFLAEEG TAKLIEFSPL RATDVKLPSG AVFVIANSCV EMNKAATSHF NIRVMECRLA AKLLAKYKSL QWDKVLRLEE VQAKLGISLE EMLLVTEDAL HPEPYNPEEI CRCLGISLEE LRTQILSPNT QDVLIFKLYQ RAKHVYSEAA RVLQFKKICE EAPENMVQLL GELMNQSHMS CRDMYECSCP ELDQLVDICR KFGAQGSRLT GAGWGGCTVS MVPADKLPSP LANVHKAYYQ RSDGSLAPEK QSLFATKPGG GALVLEAVD HHHHHH</p>		
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.		

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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Product Data Sheet

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

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