

Product Data Sheet

Recombinant Human PRKAG3 Protein

Catalog #	Source	Reactivity	Applications
CST1605	E. coli	H	
Description	Recombinant Human PRKAG3 Protein is produced by E. coli expression system and the target gene encoding Arg11-Glu190 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	PRKAG3		
Alternative Names	AMPKG3; 5'-AMP-activated protein kinase subunit gamma-3; AMPK gamma3; AMPK subunit gamma-3		
Entrez Gene	53632		
SwissProt	Q9UGI9		
Purity			
Chemical Structure	RTPSWSSLGG SEHQEMSFLQ QENSSSWPSP AVTSSSERIR GKRRAKALRW TRQKSVEEGE PPGQGEGPRS RPAAESTGLE ATFPKTTPLA QADPAGVGTP PTGWDCLPSD CTASAAGSST DDVELATEFP ATEAWECELE GLLEERPALC LSPQAPFPKL GWDDELRLKPG AQIYMRFMQE		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. 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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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custom@cohesionbio.com