

## GRK5

### Recombinant Human G Protein-coupled Receptor Kinase 5 GST Active

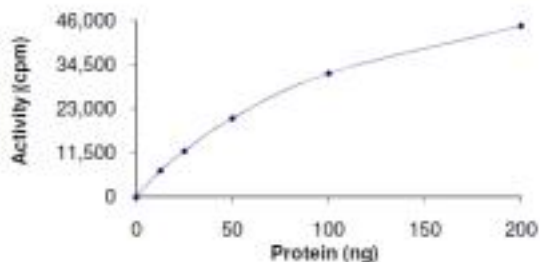
|                                 |  |                  |               |
|---------------------------------|--|------------------|---------------|
| <b>Catalog No.</b>              | CRG108A<br>CRG108B   | <b>Quantity:</b> | 5 µg<br>10 µg |
| <b>Alternate Names:</b>         | GPRK5  |                  |               |
| <b>Description:</b>             | Recombinant human full length GRK5 Active containing N-terminal GST tag. GRK5 is a member of the guanine nucleotide-binding protein (G-protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. It phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. GRK5 plays a role in regulating the motility of polymorphonuclear leukocytes (PMNs). Desensitization of G protein-coupled receptors regulates the number of polymorphonuclear leukocytes (PMNs), as well as their motility and ability to stop upon contact with pathogens or target cells, and this desensitization is mediated by GRK5. |                  |               |
| <b>Concentration:</b>           | 0.1 mg/ml  |                  |               |
| <b>GenelD:</b>                  | 2869   |                  |               |
| <b>Protein Accession No:</b>    | NM_005308  |                  |               |
| <b>Source:</b>                  | Sf9 insect cells   |                  |               |
| <b>Molecular Weight:</b>        | ~ 95 kDa   |                  |               |
| <b>Formulation:</b>             | Liquid in 50 mM Tris-HCl, pH 7.5 + 150 mM NaCl + 10 mM glutathione + 0.25 mM DTT + 0.1 mM EDTA + 0.1 mM PMSF + 25% glycerol.   |                  |               |
| <b>Purity:</b>                  | >90% as determined by densitometry   |                  |               |
| <b>Specific Activity:</b>       | 33 nmol/min/mg   |                  |               |
| <b>Storage &amp; Stability:</b> | Store product at -80°C. When stored at -80°C product is stable for one year from date of shipment. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. <b>Avoid repeated freeze-thaw cycles.</b>  |                  |               |



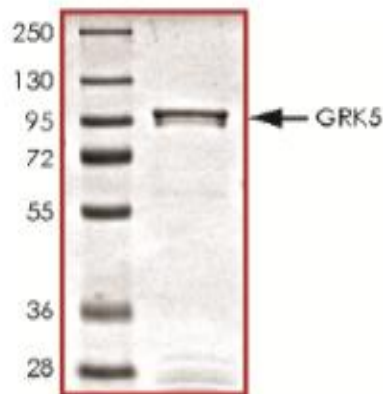
mol/min/mg as per activity assay protocol.

Approx. MW 95 kDa.

## Specific Activity



## Purity



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences®**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)