

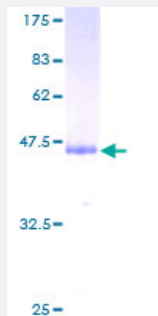
Full-Length

# GKN1 (Human) Recombinant Protein (P01)

Catalog # H00056287-P01

Size 25 ug, 10 ug

## Applications



## Specification

|                               |                                                                                                                                                                              |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Human GKN1 full-length ORF ( AAH59778, 21 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.                                                                   |
| Sequence                      | NYNINVNDDNNNAGSGQQSFSVNNEHNVANVDNNGWDSWNSIWDYGNNGFAATRLFQKKTCIV<br>HKMNKEVMPSIQSLDALVKEKKLQGGKPGGPPPKGLMYSVNPKNVDDLKFKGNIANMCRGIPT<br>YMAEEMQEASLFFYSGTCYTTSVLWIVDISFCGDTVEN |
| Host                          | Wheat Germ (in vitro)                                                                                                                                                        |
| Theoretical MW (kDa)          | 43.89                                                                                                                                                                        |
| Interspecies Antigen Sequence | Mouse (63); Rat (62)                                                                                                                                                         |
| Preparation Method            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                        |
| Purification                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                            |
| Quality Control Testing       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                                                                                  |
| Storage Buffer                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                     |
| Storage Instruction           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                              |

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — GKN1

Entrez GeneID [56287](#)

GeneBank Accession# [BC059778](#)

Protein Accession# [AAH59778](#)

Gene Name GKN1

Gene Alias AMP18, BRICD1, CA11, FOV, MGC70354, foveolin

Gene Description gastroke 1

Omim ID [606402](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is found to be down-regulated in human gastric cancer tissue as compared to normal gastric mucosa. [provided by RefSeq]

Other Designations 18 kDa antrum mucosa protein|BRICHOS domain containing 1

## Publication Reference

- [The tumor suppressor gastrokine-1 is expressed in placenta and contributes to the regulation of trophoblast migration.](#)

Fahlbusch FB, Ruebner M, Huebner H, Volkert G, Zuern C, Thiel F, Koch M, Menendez-Castro C, Wachter DL, Hartner A, Rascher W.

Placenta 2013 Nov; 34(11):1027.

Application: Func, Human, JEG-3 cells

## Disease

- [Tobacco Use Disorder](#)