

## Recombinant Human GKN1, His-tagged

**Cat. No.** GKN1-296H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the human GKN1 (Q9NS71) (Asn35-Asn199) was expressed with a C-terminal polyhistidine tag.                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Asn35-Asn199                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | The secreted recombinant human GKN1 consists of 175 amino acids and predicts a molecular mass of 19.6 KDa. The apparent molecular mass of the protein is approximately 24 KDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                      |
| <b>Purity</b>           | >95 % as determined by SDS-PAGE                                                                                                                                                                                      |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C                                                                                                                                             |
| <b>Storage</b>          | Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                  |
| <b>Reconstitution</b>   | Hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                     |

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## GENE INFORMATION

|                            |                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | GKN1 gastrokeine 1 [ Homo sapiens ]                                                                                                                  |
| <b>Official Symbol</b>     | GKN1                                                                                                                                                 |
| <b>Synonyms</b>            | GKN1; gastrokeine 1; gastrokeine-1; AMP18; BRICD1; CA11; AMP-18; BRICHOS domain containing 1; 18 kDa antrum mucosa protein; FOV; foveolin; MGC70354; |
| <b>Gene ID</b>             | 56287                                                                                                                                                |
| <b>mRNA Refseq</b>         | NM_019617                                                                                                                                            |
| <b>Protein Refseq</b>      | NP_062563                                                                                                                                            |
| <b>MIM</b>                 | 606402                                                                                                                                               |
| <b>UniProt ID</b>          | Q9NS71                                                                                                                                               |
| <b>Chromosome Location</b> | 2p13.3                                                                                                                                               |
| <b>Function</b>            | growth factor activity; molecular_function;                                                                                                          |

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