

# Recombinant Human GPN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** GPN2-5565H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GPN2 MS Standard C13 and N15-labeled recombinant protein (NP_060536) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | GPN2 (GPN-Loop GTPase 2) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include nucleotide binding and hydrolase activity. An important paralog of this gene is GPN3.                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 34.5 kDa                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MAGAAPTTAFGQAVIGPPGSGKTTYCLGMSEFLRALGRRVAVVNLDPANEGLPYEC<br>AVDVGELVGLGDVMDALRLGPNGGLLYCMEYLEANLDWLRAKLDPLRGHYFLFDC<br>PGQVELCTHHGALRSIFSQMAQWDLRLTAVHLVDSHYCTDPAKFISVLCTSLATMLH<br>VELPHINLLSKMDLIEHYGKLAFNLDYYTEVLDSLILLDHLASDPFFRHYRQLNEKLV<br>RLIEDYSLVSFIPLNIQDKESIQRVLQAVDKANGYCFGAQEQRSLAMMSAAMGADF<br>HFSSTLGIQEKYLAPSNQSVEQEAMQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                               |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                     |

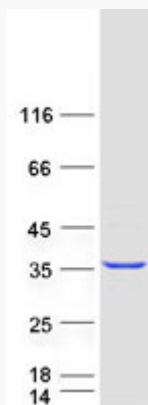
## GENE INFORMATION

|                        |                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GPN2 GPN-loop GTPase 2 [ Homo sapiens (human) ]                                                                                                                          |
| <b>Official Symbol</b> | GPN2                                                                                                                                                                     |
| <b>Synonyms</b>        | GPN2; GPN-loop GTPase 2; ATP binding domain 1 family, member B, ATPBD1B; FLJ10349; ATP-binding domain 1 family member B; ATP binding domain 1 family, member B; ATPBD1B; |
| <b>Gene ID</b>         | 54707                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_018066                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_060536                                                                                                                                                                |
| <b>UniProt ID</b>      | Q9H9Y4                                                                                                                                                                   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA