

PRODUCT INFORMATION

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| Tag | C-Flag&Strep Tag |
| Target | GPC5B |
| Synonyms | RAIG-2, RAIG2 |
| Description | Human GPC5B-Strep full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | Q9NZH0 |
| Expression Host | HEK293 |
| Protein Families | Druggable Genome, |
| Protein Pathways | GPCRDB Class C Metabotropic glutamate pheromone, |
| Molecular Weight | The human full length GPC5B-Strep protein has a MW of 44.8 kDa |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This gene encodes a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The encoded protein may modulate insulin secretion and increased protein expression is associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015] |
| Usage | Research use only |
| Conjugate | Unconjugated |

