

## PRODUCT INFORMATION

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| <b>Tag</b>                              | C-Flag&Strep Tag   |
| <b>Target</b>                           | BRS3   |
| <b>Synonyms</b>                         | BB3, BB3R, BBR3  |
| <b>Description</b>                      | Human BRS3-Strep full length protein-synthetic nanodisc  |
| <b>Delivery</b>                         | 6~8weeks   |
| <b>Uniprot ID</b>                       | P32247   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Protein Families</b>                 | GPCR,Transmembrane,Druggable Genome,   |
| <b>Protein Pathways</b>                 | GPCRDB Class A Rhodopsin-like,Peptide GPCRs,Cancer,  |
| <b>Molecular Weight</b>                 | The human full length BRS3-Strep protein has a MW of 44.4 kDa  |
| <b>Formulation &amp; Reconstitution</b> | 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 specific instructions of reconstitution.   |
| <b>Storage&amp;Shipping</b>             | 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.  |
| <b>Background</b>                       | The protein encoded by this gene is a G protein-coupled membrane receptor that binds bombesin-like peptides. This binding results in activation of a phosphatidylinositol-calcium second messenger system, with physiological effects including regulation of metabolic rate, glucose metabolism, and hypertension. [provided by RefSeq, Sep 2011] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |

