# Nanodisc Human GRM2 Protein

**HDFP116**

## Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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| **SKU:** | HDFP116 |
| **Contents:** | 10µg<br>Bradford Reagent: 1 vial (2ml) |
| **Category:** | Full Length Transmembrane Proteins |
| **Synonyms:** | GLUR2, GPRC1B, mGlu2, MGLUR2 |
| **Tag:** | C-Flag Tag |
| **Target:** | GRM2 |
| **Conjugation:** | Unconjugated |
| **Expression Host:** | HEK293 |

## Protein Data

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| **Uniprot ID:** | Q14416 |
| **Protein Families:** | Druggable Genome, GPCR, Transmembrane |
| **Protein Pathways:** | Neuroactive ligand-receptor interaction |
| **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 specific instructions of reconstitution. |
| **Molecular Weight:** | The human full length GRM2 protein has a MW of 95.6 kDa |
| **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 |

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| | -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.<br>Store Bradford Reagent at Room Temperature for 1 year. |
| **Usage:** | Research use only |
| **Protein Quantification (Optional):** | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol |