

**HUMAN GPC2 PROTEIN, HFC TAG**

**Cat.#:** 11749

**Product Name:** Human GPC2 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** DKFZp547M109;FLJ38962

**Target:** GPC2

**UNIPROT ID:** Q8N158

**Description:** Recombinant human GPC2 protein with C-terminal human Fc tag

**Background:** Cell surface proteoglycan that bears heparan sulfate. May fulfill a function related to the motile behaviors of developing neurons (By similarity).

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 83.93 kDa after removal of the signal peptide.

**Molecular Characterization:** GPC2 (Ile24-Gly554) hFc(Glu99-ALA330)

**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**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.

**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.