

Recombinant Human Glypican-3/GPC3/OCI5 (C-Fc)

RPES6243

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).

Protein Information

SKU: RPES6243

Purity: > 90 % as determined by reducing SDS-PAGE.

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: GPC3, GTR2-2, Glypican-3, Intestinal protein OCI-5, MXR7, OCI5

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-Fc

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: HEK293 Cells

Bio-Activity: Loaded Human FGFb (157AA) (RPES3933) on APS Biosensor, can bind Human GPC3-Fc(RPES6243) with an affinity constant of 0.7 nM as determined in BLI assay.

Calculated MW: 87.7 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 100-120&65&40 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Human FGFb (157AA) (RPES3933) on APS Biosensor, can bind Human GPC3-

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Fc(RPES6243) with an affinity constant of 0.7 nM as determined in BLI assay. Loaded Human FGFb (155AA) (RPES3954) on APS Biosensor, can bind Human GPC3-Fc(RPES6243) with an affinity constant of 0.68 nM as determined in BLI assay.

Accession: P51654

Source: HEK293 Cells-derived Human Glypican-3, GPC3, OC15 protein Gln25-His559, with an C- terminal Fc

Sequence: Gln25-His559

Form: Lyophilized powder

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

Notes: Centrifuge before opening to ensure complete recovery of vial contents.