

32-3914: GPC4 Recombinant Protein

Alternative Name : Glypican 4, Glypican Proteoglycan 4, K-glypican, DJ900E8.1 (Glypican 4), glypican-4.

Description

Source : Escherichia Coli. GPC4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 165 amino acids (401-529a.a) and having a molecular mass of 18kDa. GPC4 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Glypican 4, also known as GPC4, is part of a family of glycosylphosphatidylinositol (GPI)-anchored heparan sulphate proteoglycans (HSPGs) which take part in the control of cell division and growth regulation. GPC4 is broadly expressed in human tissues, including lung, kidney, heart, placenta, skeletal muscle, and pancreas. In addition, GPC4 has been shown to be present in astrocytes, haematopoietic-progenitor and bone-marrow-stromal cells.

Product Info

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| Amount : | 10 µg |
| Purification : | "Greater than 85% as determined by SDS-PAGE." |
| Content : | GPC4 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol. |
| Storage condition : | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles. |
| Amino Acid : | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSSSLP SNVCNDERMA AGNGNEDDCW NGKKGKSRYL AVTGNGLANQ GNNPEVQVDT SKPDILILRQ IMALRVMTSK MKNAYNGNDV DFFDISDESS GEGSGSGCEY QQCPSEFDYN ATDHAGKSAN EKADS |

