

32-3915: GPC4 511 a.a. Recombinant Protein

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

Description

Source : Escherichia Coli. Glypican-4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Ala19-Ser529) containing 521 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 58.7kDa. 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

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	Glypican-4 filtered (0.4µm) solution at a concentration of 0.2mg/ml in 20mM Tris buffer, 50mM NaCl, pH 8.0 and 5mM DTT.
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). Avoid multiple freeze-thaw cycles.
Amino Acid :	MKHHHHHHASALLAAELKSK SCSEVRRLYV SKGFNKNDAP LHEINGDHLK ICPQGSTCCS QEMEEKYSLO SKDDFKSVVS EQCNHLQAVF ASRYKKFDEF FKELLENAEK SLNDMFVKTY GHLYMQNSEL FKDLFVELKR YYVVGNNVLE EMLNDFWARL LERMFRLVNS QYHFTDEYLE CVSKYTEQLK PFGDVPRKLLK LQVTRAFVAA RTFAQGLAVA GDVVSQVSVV NPTAQCTHAL LKMIYCSHCR GLVTVKPCYN YCSNIMRGCL ANQGDLDLFEW NNFIDAMLV AERLEGPFNI ESVM DPIDVK ISDAIMNMQD NSVQVSQKVF QGCGPPKPLP AGRISRSISE SAFSARFRPH HPEERPTTAA GTSLDRLVTD VKEKLLQAKK FWSSLPSNVC NDERMAAGNG NEDDCWNGKG KSRYLFAVTG NGLANQGNNP EVQVDTSKPD ILILRQIMAL RVMTSKMKNA YNGNDVDFFD ISDESSGEGS GSGCEYQCP SEFDYNATDH AGKSANEKAD S.