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32-7322: Recombinant Human Glypican 5/GPC5 (C-6His)(Discontinued)

Gene : GPC5
Gene ID : 2262
Uniprot ID : P78333

Description

Source: Human Cells.
MW :60.14kD.
Recombinant Human Glypican-5 is produced by our Mammalian expression system and the target gene encoding Glu25-Thr554 is expressed with a 6His tag at the C-terminus. Glypican 5 is encoded by the gene GPC5, and belongs to the Glypican family. It is 572 AA at lenth, and has a natural variation on its 155 location at which Â‘AÂ’ can mutata into Â‘VÂ’. This protein mainly exist in cell membrane and is usually secreted to extracellular space to do its function such as bearing heparin sulfate. In adult, Glypican 5 is primarily expressed in the brain, and can also be detected in fetal brain, lung and liver.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : EGVQTCEEVRKLFQWRLLGAVRGLPDSPRAGPDLQVCISKKPTCCTRKMEERYQIAARQDMQQFLQTSSSTLK FLISRNAAAFQETLETLIKQAENYTSILFCSTYRNMALEAAASVQEFFTDVGLYLFGADVNPEEFVNRFFDSLFPL VYNHLINPGVTDSSLEYSECIRMARRDVSPFGNIPQRVMGQMGRSLLPSRTFLQALNLGIEVINTTDYLHFSKEC SRALLKMQYCPHCQGLALTKPCMGYCLNVMRGCLAHMAELNPHWHAYIRSLEELSDAMHGTYDIGHVLLNFH LLVNDAVLQAHLNGQKLLEQVNRICGRPVRTPTQSPRCSFDQSKEKHGMKTTTRNSEETLANRRKEFINSLRLY RSFYGGLADQLCANELAAADGLPCWNGEDIVKSYTQRVVGNGIKAQSGNPEVKVKGIDPVINQIIDKLKHVVQL LQGRSPKPDKWELLQLGSGGGMVEQVSGDCDDEDGCGGSGSGEVKRTLKITDWMPDDMNFSDVKQIHQTD TGSTLDTTGAGCAVATVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.