

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 length, and has a natural variation on its 155 location at which 'AA' can mutate into 'VA'. 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.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : 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 : EGVQTCEEVRKLFQWRLLGAVRGLPDSPRAGPDLQVCISKKPTCCTRKMEERYQIAARQDMQQFLQTSSTLKF
FLISRNAAAFQETLETLIKQAENYTSILFCSTYRNMALAAASVQEFFTDVGLYLFGADVNPPEFVNRFFDSLFP
LYNHLINPGVTDSSLEYSECIRMARRDVSPFGNIPQRVMGQMGRSLLPSRTFLQALNLGIEVINTDYLFHFSKE
SRALLKMQYCPHCQGLALTKPCMGYCLNVMRGCLAHMAELNPHWHAYIRSLEELSDAMHGTYDIGHVLLNFH
LLVNDVAVLQAHLNGQKLEQVNRICGRPVRTPTQSPRCSFDQSKEKHGMKTTTRNSEETLANRRKEFINSLRLY
RSFYGGLADQLCANELAAADGLPCWNGEDIVKSYTQRVVGNGIKAQSGNPEVKVKGIDPVINQIIDKDKHVVQL
LQGRSPKPKWELLQLGSGGMVEQVSGDCDEDEDGCGGSGSGEVKRTLKITDWPDDMNFSDVKQIHQTD
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 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.