

## 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 'A' can mutate into 'V'. 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 :** EGVQTCEEVRKLFQWRLLGAVRGLPDSPRAGPDLQVCISKKPTCCTRKMEERYQIAARQDMQQF LQTSSSTLKFLLSRNAAAFQETLETLIKQAENYTSILFCSTYRNMALEAAASVQEFTDVGLYLFGAD VNPEEFVNRFFDSLPLVYNHLINPGVTDSSLEYSECIRMARRDVSPFGNIPQRVMGQMGRSLLPS RTFLQALNLGIEVINTTDYLFHFSKECSRALLKMQYCPHCQGLALTKPCMGYCLNVMRGCLAHMAEL NPHWHAYIRSLEELSDAMHGTYDIGHVLLNFHLLVNDVLAHLNGQKLEQVNRICGRPVRTPTQ SPRCSFDQSKEKHGMKTTTRNSEETLANRRKEFINSRLYRSFYGGGLADQLCANELAAADGLPCW NGEDIVKSYTQRVVGNGIKAQSGNPEVKVGIDPVINQIDKLKHVVQLLQGRSPKPKDWELLQLGS GGGMVEQVSGDCDDEDGCGGSGSGEVKRTLKITDWMPPDDMNFSDVKQIHQTDGTGSLDTTGAG CAVATVDHHHHHH

### 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 ddH<sub>2</sub>O. 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.