Recombinant Human Glypican-4 (GPC4)

Product Code	CSB-BP009706HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75487
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AL LAAELKSKSC SEVRRLYVSK GFNKNDAPLH EINGDHLKIC PQGSTCCSQE MEEKYSLQSK DDFKSVVSEQ CNHLQAVFAS RYKKFDEFFK ELLENAEKSL NDMFVKTYGH LYMQNSELFK DLFVELKRYY VVGNVNLEEM LNDFWARLLE RMFRLVNSQY HFTDEYLECV SKYTEQLKPF GDVPRKLKLQ VTRAFVAART FAQGLAVAGD VVSKVSVVNP TAQCTHALLK MIYCSHCRGL VTVKPCYNYC SNIMRGCLAN QGDLDFEWNN FIDAMLMVAE RLEGPFNIES VMDPIDVKIS DAIMNMQDNS VQVSQKVFQG CGPPKPLPAG RISRSISESA FSARFRPHHP EERPTTAAGT SLDRLVTDVK EKLKQAKKFW SSLPSNVCND ERMAAGNGNE DDCWNGKGKS RYLFAVTGNG LANQGNNPEV QVDTSKPDIL ILRQIMALRV MTSKMKNAYN GNDVDFFDIS DESSGEGSGS GCEYQQCPSE FDYNATDHAG KSANEKADS
Source	Baculovirus
Target Names	GPC4
Protein Names	Recommended name: Glypican-4 Alternative name(s): K-glypican Cleaved into the following chain: 1. Secreted glypican-4
Expression Region	19-529
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The GPC4 gene is adjacent to the 3 end of GPC3 and may also play a role in Simpson-Golabi-Behmel syndrome.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,

storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.