

Product information



GPC4, 401-529aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2616

Full name: Glypican 4

NCBI Accession No.: NP_001439

Synonyms: dJ900E8.1, glypican proteoglycan 4

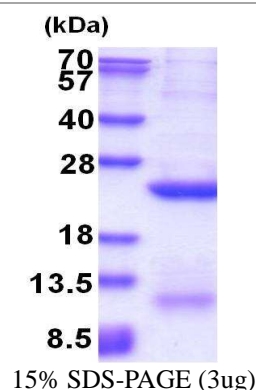
Description: Glypican 4, also known as GPC4, is a family of glycosylphosphatidylinositol (GPI)-anchored heparan sulphate proteoglycans (HSPGs) that may play a role in the control of cell division and growth regulation. GPC4 is widely expressed in human tissues, including lung, kidney, heart, placenta, skeletal muscle, and pancreas. GPC4 has also been shown to be present in astrocytes, haematopoietic-progenitor and bone-marrow-stromal cells. Recombinant human GPC4 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Molecular Weight: 18 kDa (165aa) confirmed by MALDI-TOF
(Molecular size on SDS-PAGE will appear higher)

Purity: > 85% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSSSLP SNVCNDERMA AGNGNEDDCW NGKGKSRYL AVTGNGLANQ GNNPEVQVDT
SKPDILILRQ IMALRVMTSK MKNAYNGNDV DFFDIDSDESS GEGSGSGCEY QQCPSEFDYN ATDHAGKSAN EKADS

General references:

Fico A., *et al.* (2012) *Stem Cells*. 30(9): 1863-74.

Ybot Gonzalez P., *et al.* (2005) *Dev Dyn*. 233(3): 1013-7.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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