

Glypican-4 Recombinant Protein | GPC4 recombinant protein

Recombinant Human Glypican-4, 511 a.a.

CATALOG # AAA38006	HOST E Coli
------------------------------	-----------------------

PRODUCT SYNONYMS

Glypican-4; Recombinant Human Glypican-4; 511 a.a.; GPC4 511 aa Human; Glypican-4 511 aa Human Recombinant; Glypican 4; Glypican Proteoglycan 4; K-glypican; DJ900E8.1 (Glypican 4); glypican-4; GPC4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Purity as determined by densitometric image analysis is greater than 90%.
Form/Format	Glypican-4 filtered (0.4 um) solution at a concentration of 0.2mg/ml in 20mM Tris buffer, 50mM NaCl, pH 8.0 and 5mM DTT. Filtered colorless solution.
Sequence	MKHHHHH HASALL AAELKSKSCS EVRRLYVSKG FNKNDAPLHE INGDLKICP QGSTCCSQEM EEKYSLQSKD DFKSVVSEQC NHLQAVFASR YKKFDEFFKE LLENAEKSLN DMFVKTYGHL YMQNSSELFKD LFVELKRYV VGNVNLEEML NDFWARLLER MFRLVNSQYH FTDEYLECVS KYTEQLKPGF DVPRKLKLQV TRAFVAARTF AQGLAVAGDV VSKVSVVNPT AQCTHALLKM IYCSHCRGLV TVKPCYNYCS NIMRGCLANQ GDLD FEWNNF IDAMLMAER LEGPFNIESV MDPIDVKISD AIMNMQDNSV QVSQKVFQGC GPPKPLPAGR ISRSISESAF SARFRPHPE ERPTTAAGTS LDRLVTDVKE KLKQAKKFWS SLPSNVCNDE RMAAGNGNED DCWNGKGKSR YLFAVTGNGL ANQGNNPEVQ VDTSKPDILI LRQIMALRVM TSKMKNAYNG NDVDFDISD ESSGEGSGSG CEYQQCPSEF DYNATDHAGK SANEKADS
Sequence Length	556
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GPC4 recombinant protein	Introduction: Glypican 4, also known as GPC4, is part of a family of glycosylphosphatidylinositol (GPI)-anchored heparan sulphate proteoglycans (HSPGs) which take part in the control of cell division and growth regulation. GPC4 is broadly expressed in human tissues, including lung, kidney, heart, placenta, skeletal muscle, and pancreas. In addition, GPC4 has been shown to be present in astrocytes, haematopoietic-progenitor and bone-marrow-stromal cells. Description: Glypican-4 Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain (Ala19-Ser529) containing 521 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 58.7kDa.
Product Categories/Family for GPC4 recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	21614525
NCBI GeneID	2239
NCBI Accession #	NP_001439.2

NCBI GenBank Nucleotide #	NM_001448.2
UniProt Accession #	O75487 ; Q6ZMA6 ; Q96L43 ; Q9NU08 ; Q9UJN1 ; Q9UPD9 ; B2R6J7 ; B4E2C0
Molecular Weight	54,910 Da
NCBI Official Full Name	glypican-4
NCBI Official Synonym Full Names	glypican 4
NCBI Official Symbol	GPC4
NCBI Official Synonym Symbols	K-glypican
NCBI Protein Information	glypican-4
UniProt Protein Name	Glypican-4
UniProt Gene Name	GPC4
UniProt Entry Name	GPC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gpc4-recombinant-protein-e-coli/38006>