

# Human GPC3 Recombinant Protein



RPPB3633

## Product Information Protein Information

**Product SKU:**

RPPB3633

**Accession:**

P51654

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

GPC3 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 544 amino acids (25-559a.a.) and having a molecular mass of 61.8kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). GPC3 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Glypican 3, Intestinal Protein OCI-5, Glypican Proteoglycan 3, GTR2-2, MXR7, Heparan Sulphate Proteoglycan, Secreted Glypican-3, Glypican-3, OCI-5, SGBS1, DGSX, SGBS, SDYS, OCI5, SGB, GPC3.

**Formulation:**

GPC3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.

**Amino Acid Sequence:**

ADPQPPPPPP DATCQVRSF FQRLQPGLKW VPETPVPGSD LQVCLPKGPT CCSRKMEEKY QLTARLNMEQ  
LLQSASMEK FLIIQNAAVF QEAFEIVVRH AKNYTNAMFK NNYPSTLPQA FEFVGEFFTD VSLYILGSDI  
NVDDMVNELF DSLFPVIYIQ LMNPGLPDSA LDINECLRGA RRDLVKVFNGF PKLIMTQVSK SLQVTRIFLQ  
ALNLGIEVIN TTDHLKFSKD CGRMLTRMWY CSYCQGLMMV KPCGGYCNVQ MQGCMAGVVE IDKYWREYIL  
SLEELVNGMY RIYDMENVLL GLFSTIHDSI QYVQKNAGKL TTTIGLKCAH SQQRQYRSAY YPEDLFIDKK  
VLKVAHVEHE ETLSSRRREL IQKLKSFISF YSALPGYICS HSPVAENDTL CWNGQELVER YSQAARNGM  
KNQFNLHELK MKGPEPVVSQ IIDKLNHINQ LLRTMSMPKG RVLKLNDEE GFESGDCGDD EDECIGSGSD  
GMIVKVNQLR FLAELAYDLD VDDAPGNSQQ ATPKDNEIST FHNLGNVHHH HHHH.