

**GPC3, 25-559aa, Human, His-tag, Baculovirus**

**Cat.NO.: TP02313**

3th Edition

**Synonyms:** Glypican-3 isoform 2, GPC3, DGSX, GTR2-2, MXR7, OCI-5, SDYS, SGB, SGBS, SGBS1

**Description:** GPC3, also known as glypican-3 isoform 2, is a member of the glypican family. It belongs to the glypican family and is highly expressed in lung, liver, and kidney. Also, it has tissue dependent. In some tissues, it acts as a tumor suppressor gene and an oncofetal protein. This protein is currently regarded as a tumor marker and potential target for immunotherapy. Recombinant human GPC3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:** 61.8kDa (544aa), 50-70kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

ADPQPPPPPPDATCHQVRSFFQRLQPGLKWWPETPVPGSDLQVCLPKGPTCCSRKMEEKYQLTARLNMEQLLQS  
ASMELKFLIIQNAAVFQEA FEIVVRHAKNYTNAMFKNNYPSLTPQAFEFVGEFFTDVSLYILGSDINVDDMVNELFDS  
LFPVIYTQLMNPGLPDSALDINECLRGARRDLKVFGNF PKLIMTQVSKSLQVTRIFLQALNLGIEVINTTDHLKFSKDC  
GRMLTRMWYCSYCQGLMMVKPCGGYCNVVMQGC MAGVVEIDKYWREYILSLEELVNGMYRIYDMENVLLGLFST  
IHDSIQYVQKNAGKLTTTIGKLCAHSQQRQYRSAYYPEDLFIDKKVLKVAHVEHEETLSSRRRELIQKLKSFISFY SAL  
PGYICSHSPVAENDTLCWNGQELVERY SQKAARNGMKNQFNLHELKMKGPPEPVVSQIIDKLKHINQLLR TMSMPK  
GRVLDKNLDEEGFESGDCGDDDEDECIGGSGDGMIVKNQLRFLAELAYDLDDVDDAPGNSQQATPKDNEISTFHNL  
GNVHHHHHHH

**Purity:** > 95% by HPLC

**Concentration:** 0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**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.