

Glypican 3 Recombinant Protein | GPC3 recombinant protein

Recombinant Human Glypican 3 (GPC3)

CATALOG # AAA55768	HOST E. coli AA 121-220 (P51654).
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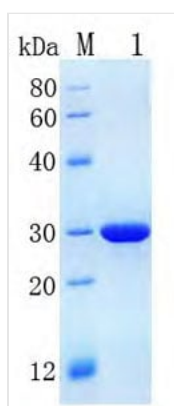
PRODUCT SYNONYMS

Glypican 3; Recombinant Human Glypican 3 (GPC3); DGSX; OCI5; SDYS; SGB; SGBS1; MXR7; Glypican Proteoglycan 3; GTR2-2; Intestinal protein OCI-5; Secreted glypican-3.; GPC3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 121-220 (P51654).
Purity/Purification	> 90% as determined by SDS-PAGE.
Form/Format	0.15 M PBS, pH 7.5, with 10% glycerol
Concentration	1 mg/mL (varies by lot)
Sequence	HAKNYTNAMF KNNYPSLTPQ AFEFVGEEFT DVSLYILGSD INVDDMVNEL FDSLFPVIYT QLMNPGLPDS ALDINECLRG ARRDLKVFGN FPKLIMTQVS
Sequence Length	58
Source	Human
Protein Residues	with N-terminal 6×His-tag.
Usage	GPC3 Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Store it under sterile conditions at -20 degree C upon receiving. Avoid repeated freeze-thaw cycles. Recommend to aliquot the protein into smaller quantities for optimal storage. The recombinant protein is stable for up to 6 months from date of receipt at -80 degree C.

IMAGES



Application Data
SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GPC3 recombinant protein	Glypican 3, also known as GPC3, The protein encoded by this gene is a member of the glypican family.Glypican 3 immunostaining has utility for differentiating hepatocellular carcinoma (HCC) and dysplastic changes in cirrhotic livers; HCC stains with glypican 3, while liver with dysplastic changes and/or cirrhotic changes does not. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2599578
NCBI GeneID	2719
Molecular Weight	30 kDa
NCBI Official Full Name	glypican 3, partial
NCBI Official Synonym Full Names	glypican 3
NCBI Official Symbol	GPC3
NCBI Official Synonym Symbols	SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2
NCBI Protein Information	glypican-3; secreted glypican-3; glypican proteoglycan 3; intestinal protein OCI-5; heparan sulphate proteoglycan
UniProt Protein Name	Glypican-3
UniProt Gene Name	GPC3
UniProt Synonym Gene Names	OCI5
UniProt Entry Name	GPC3_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.