



Recombinant Rat Glypican-3 (Gpc3), partial

Product Code	CSB-EP009705RA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P13265
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>QPPPPPDATCHQVRSFFQRLQPGLKWVPETVPVPGSDLQVCLPKGPTCCSRK MEEKYQLTARLNMEQLLQSASMEKFLIIQNAAVFQEAFEIVVRHAKNYTNAMF KNNYPSLTPQAFEFVGEFFTDVSLYILGSDINVDDMVNELFDSLFPVIYTQMMN PGLPESVLDINECLRGARRDLKVFGSFPKLIMTQVSKSLQVTRIFLQALNLGIEVI NTTDHLKFSKDCGRMLTRMWYCSYCQGLMMVKPCGGYCNVVMQGC MAGV VEIDKYWREYILSLEELVNGMYRIYDMENVLLGLFSTIHDSIQYVQKNGGKLT IGKLCAHSQQRQYRSAYYPEDLFIDKKVLKVARVEHEETLSSRRRELIQKLKSF SFYSALPGYICSHSPVAENDTLCWNGQELVERYSQKAARNGMKNQFNLHELK MKGPEPVVSQIIDKCLKHINQLLRTMSVPGKVVVDKSLDEEGLESGDCGDDDEDE CIGSSGDGMMKVKNQLRFLAELAYDLVDVDDAPGNKQHGNQKDNEITTSHSV NMPSP</p>
Research Area	Others
Source	E.coli
Target Names	Gpc3
Protein Names	Recommended name: Glypican-3 Alternative name(s): Intestinal protein OCI-5
Expression Region	25-560aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Mol. Weight	62.8kD
Protein Length	Partial
Target Details	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. This protein can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative



splicing results in multiple transcript variants.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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