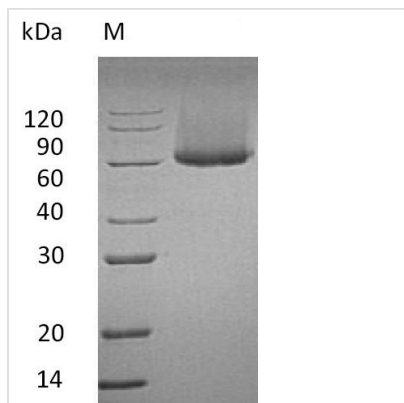




Recombinant Mouse Glypican-1 (Gpc1) (Active)

Product Code	CSB-AP005761MO
Uniprot No.	Q9QZF2
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 1xPBS, pH 7.4
Product Type	Other
Immunogen Species	Mus musculus (Mouse)
Biological Activity	The ED50 as determined by its ability to bind Human FGFb in functional ELISA is less than 10 ug/ml.
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DPASKSRSCSEVRQIYGAKGFLSDVPQAEISGEHLRICPQGYTCCTSEMEEN LANHSRMELESALHDSSRALQATLATQLHGIDDHFQRLNDSERTLQEAFPGA FGDLYTQNTRAFRDLYAELRLYYRGANLHLEETLAEFWARLLERLFKQLHPQL LPDDYLDCLGKQAEALRPFGDAPRELRLRATRAFVAARSFVQGLGVASDVVR KVAQVPLAPECSRAIMKLVYCAHCRGVPGARPCPDYCRNVLKGCLANQADLD AEWRNLLDSMVLITDKFWGPGSGAESVIGGVHVWLAEAINALQDNKDTLTAKVI QACGNPKVNPVPHGSGPEEKRRRGKLALQEKPSTGTLEKLVSEAKAQLRDIQDF WISLPGTLCSEKMAMSPASDDRCWNGISKGRYLPEVMGDGLANQINNPEVEV DITKPDMTIRQQIMQLKIMTNRLRGAYGGNDVDFQDASDDGSGSGSGGGGCPD DTCGRRVSKKSSSSRTPLTHALPGLSEQEGQKTS
Research Area	Signal Transduction
Source	Mammalian cell
Target Names	Gpc1
Expression Region	24-529aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	56.7 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

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

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.