

Recombinant Mouse Gpc4 protein, His-tagged

Cat. No. Gpc4-5712M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gpc4 aa. (Thr220~Gly426) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr220~Gly426
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.5.
Applications	Positive Control; Immunogen; SDS-PAGE; WB
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

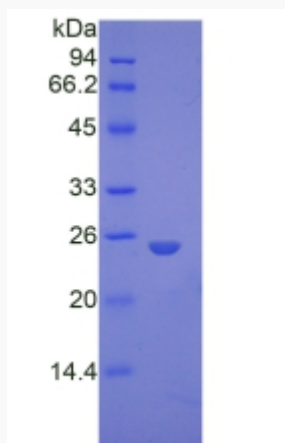
Gene Name	Gpc4 glypican 4 [Mus musculus (house mouse)]
Official Symbol	Gpc4
Synonyms	Gpc4; glypican 4; AF311610; AI385680; AI661372; K-glypican; 9530073D23Rik; glypican-4
Gene ID	14735
mRNA Refseq	NM_008150.2
Protein Refseq	NP_032176.2
UniProt ID	P51655

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SDS-PAGE



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