## Mouse Glypican 2/GPC2 Protein





Description	
Source	Recombinant Mouse Glypican 2/GPC2 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains His22-Ser556.
Accession	Q8BKV1
Molecular Weight	The protein has a predicted MW of 59.9 kDa. Due to furin cleavage, the protein migrates to 25-30 kDa and 30-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Formulation and Storage	
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).

Storage Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

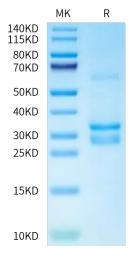
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## **Background**

Glypicans can function as coreceptors for multiple signaling molecules known for regulating cell growth, motility, and differentiation. Some members of the glypican family, including glypican 2 (GPC2) and glypican 3 (GPC3), are expressed in childhood cancers and liver cancers, respectively. Antibody-based therapies targeting glypicans are being investigated in preclinical and clinical studies, with the goal of treating solid tumors that do not respond to standard therapies.

## **Assay Data**

## **Bis-Tris PAGE**



Mouse Glypican 2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.