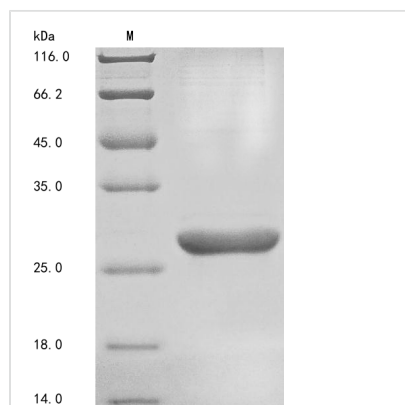




# Recombinant Human Basement membrane-specific heparan sulfate proteoglycan core protein (HSPG2), partial

<b>Product Code</b>	CSB-BP010868HU
<b>Abbreviation</b>	Recombinant Human HSPG2 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	P98160
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	DAPGQYGAYFHDDGFLAFPGHVFSSRLPEVPETIELEVRTSTASGLLLWQGV VGEAGQGKDFISLGLQDGHVFRYQLGSGEARLVSEDPINDGEWHRVTALRE GRRGSIQVDGEELVSGRSPGPNVAVNAKGSVYIGGAPDVATLTGGRFSSGIT GCVKNLVLHSARPGAPPPQPLDLQHRAQAGANTRPCPS
<b>Research Area</b>	Cancer
<b>Source</b>	Baculovirus
<b>Target Names</b>	HSPG2
<b>Protein Names</b>	Recommended name: Basement membrane-specific heparan sulfate proteoglycan core protein Short name= HSPG Alternative name(s): Perlecan Short name= PLCCleaved into the following 2 chains: 1. Endorepellin 2. LG3 peptide
<b>Expression Region</b>	4197-4391aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	24.4
<b>Protein Length</b>	Partial
<b>Image</b>	



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

## Description

The gene encoding the Human HSPG2 protein (4197-4391aa) is inserted into a plasmid vector to form the recombinant plasmid, which is introduced into baculovirus cells. baculovirus cells that have successfully taken up the recombinant plasmid can be selected based on their ability to survive in the presence of a specific antibiotic. The recombinant plasmid-containing baculovirus cells are cultured under conditions that promote the expression of the interested gene. The protein is fused with a N-terminal 10xHis tag and C-terminal Myc tag. After expression, the recombinant Human HSPG2 protein is isolated and purified from the cell lysate through affinity purification. The resulting recombinant Human HSPG2 protein is resolved by denaturing SDS-PAGE, allowing its purity to be estimated, greater than 85%.

## Shelf Life

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