

Recombinant Human HSPG2 Protein, GST-tagged

Cat. No. HSPG2-5262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSPG2 partial ORF (NP_005520.3, 25 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Heparan sulfate proteoglycan is a major component of basement membranes, where the molecule may be involved in the stabilization of other molecules as well as being involved with glomerular permeability to macromolecules and cell adhesion. This form of HSPG, known as HSPG2 or perlecan, is encoded by a gene that maps to chromosome 1. The gene for the form of HSPG associated with the cell surface of fibroblasts has been mapped to human chromosome 8 (MIM 142460).[supplied by OMIM
Molecular Mass	37.84 kDa
AA Sequence	GLRAYDGLSLPEDIVTASQMRWTHSYLSDDMLADSLGDDLGSGDLGSGDFQ MVYFRALVNFTRSIEYSPQLEDAGSREFREVSEAVVDTLESEYLKIPGDQVSV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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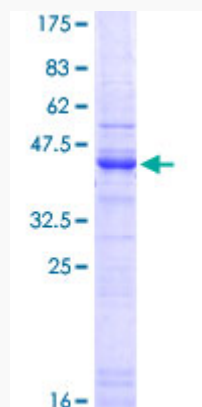
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HSPG2 heparan sulfate proteoglycan 2 [Homo sapiens]
Official Symbol	HSPG2
Synonyms	HSPG2; heparan sulfate proteoglycan 2; Schwartz Jampel syndrome 1 (chondrodystrophic myotonia) , SJS1; basement membrane-specific heparan sulfate proteoglycan core protein; perlecan; perlecan proteoglycan; PRCAN; endorepellin (domain V region); PLC; SJA; SJS; HSPG; SJS1;
Gene ID	3339
mRNA Refseq	NM_005529
Protein Refseq	NP_005520
MIM	142461
UniProt ID	P98160

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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