

Recombinant Human HSPG2 protein, His&Myc-tagged

Cat. No. HSPG2-2230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPG2 protein(P98160)(4197-4391aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	4197-4391aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	24.4 kDa
AA Sequence	DAPGQYGAYFHDDGFLAFPGHVFSRSLPEVPETIELEVRTSTASGLLLWQGVEVGE AGQGKDFISLGLQDGHVFRYQLGSGEARLVSEDPINDGEWHRVTALREGRRGSIQ VDGEELVSGRSPGPNVAVNAKGSVYIGGAPDVATLTGGRFSSGITGCVKNLVLHSA RPGAPPPQPLDLQHRAQAGANTRPCPS
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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.

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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