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## Product Datasheet

### Recombinant Human SDC1 (C-6His) EBT-EPT224

Article Name	Recombinant Human SDC1 (C-6His)
Biozol Catalog Number	EBT-EPT224
Supplier Catalog Number	EPT224
Alternative Catalog Number	EBT-EPT224-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Syndecan-1 is produced by our Mammalian expression system and the target gene encoding Gln18-Glu251 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 25.2 KDa. Apparent molecular weight: 45-60 KDa, reducing conditions
UniProt	AAH08765.1
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	<p>Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Syndecan-1 is a single-pass type I membrane protein that belongs to the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. Human SDC1 is synthesized as a 310 amino acid precursor that contains a 22 amino acid signal sequence, and a 288 amino acid mature chain. The Syndecan-1 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered Syndecan-1 expression has been detected in several different tumor types</p>
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