Recombinant Syndecan-1-(his)C, human

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Catalog UCS003A Lot 2798 0.1 mg

Product description

This protein a type I membrane heparan sulphate proteoglycan. Syndecan-1 is involved in cell prolifiration, cell migration, and cell-matrix interactions. Altered syndecan-1 expression has been observed in several tumor types.

Reference sequences: NM_002997

NP_002988

Swiss-prot P18827

Alternative names: syndecan

SDC SYND1 CD138

Heparan sulfate proteoglycan fibroblast growth factor receptor

Gene ID: 6382

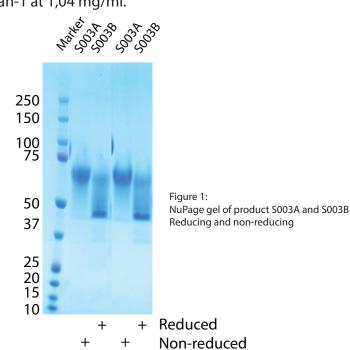
The ecto-domain of human syndecan-1, residues 21 - 254 was over-expressed in HEK293EBNA1 cells and purified to homogeneity. The protein has 5 potential O-linked glycosylation sites, 1 potential N-linked glycosylation site and 1 phosphorylated serine residue. The protein of this product has a higher molecular weight compared to S003B, see figure 1, suggesting a higher degree of glycosylation. The protein contains a C-terminal hexahistidine tag. The calculated molecular weight without glycosylation of recombinant human syndecan-1, residues 21 - 254 including hexahistidine tag, is 25.8 kDa. Each vial contains 100 µg Syndecan-1 at 1,04 mg/ml.

Protein sequence

marplct III matlaga lags Iqpal pqivatn Ippedqdgs gdds dnfsgs gagal qditls qqtpstwkdt qlltaipt spept gleataast stlpage gpke geavvlpevep gltareqeat proprett qlptth qastttattaqe patshphr dmqpghhets tpagps qadlht phted ggpsateraaed gass qlpaae gsgeqdft fetsgentav vavepdrrnqs pvdqgatgas qglldrkevlga aahhhhhh*

Storage and stability

Syndecan-1-(his)C should be stored at - 80 °C (stable for at least 1 year). The buffer is PBS without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).



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