

# Product Datasheet

## Recombinant Human Syndecan-4 Protein NBP2-61363-1mg

Unit Size: 1mg

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-61363-1mg****Recombinant Human Syndecan-4 Protein****Product Information**

<b>Unit Size</b>	1mg
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	>95%, by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
<b>Target Molecular Weight</b>	13.9 kDa

**Product Description**

<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 127 amino acids corresponding to Syndecan-4. However it migrates with an apparent molecular mass of 22 kDa in SDS-PAGE <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P31431</p> <p><b>Amino Acid Sequence:</b> ESIRETEVID PQDLLEGGRYF SGALPDDEDV VGGQESDDF ELSGSGDLDD LEDSMIGPEV VHPLVPLDNH IPERAGSGSQ VPTEPKKLEE NEVIPKRISP VEESEDVSNK VSMSSTVQGS NIFERTE</p>
<b>Gene ID</b>	6385
<b>Gene Symbol</b>	SDC4
<b>Species</b>	Human
<b>Details of Functionality</b>	Fully biologically active when compared to standard. The specific activity is determined by binding ability in a functional ELISA. Immobilized rHuSYND4 at 500 ng/ml (100 ul/well) can bind rHubFGF with a linear range of 0.1-10 ng/ml.
<b>Endotoxin Note</b>	Less than 0.1 EU/ug of Syndecan-4 as determined by LAL method.

**Product Application Details**

<b>Applications</b>	Bioactivity
<b>Recommended Dilutions</b>	Bioactivity





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### **Products Related to NBP2-61363-1mg**

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NBP1-72277-100ug	Recombinant Human Syndecan-4 Protein
210-TA-005	TNF-alpha [Unconjugated]
AF2918	Syndecan-4 Antibody [Unconjugated]
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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