



# Human SDC3 peptide (DAG-P1204)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene belongs to the syndecan proteoglycan family. It may play a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism. Allelic variants of this gene have been associated with obesity. [provided by RefSeq, Oct 2009]
<b>Specificity</b>	Expressed in the nervous system, the adrenal gland, and the spleen.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the syndecan proteoglycan family.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SDC3 syndecan 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SDC3
<b>Synonyms</b>	SDC3; syndecan 3; SDCN; SYND3; syndecan-3; N-syndecan; syndecan neural type; syndecan proteoglycan 3;
<b>Entrez Gene ID</b>	<a href="#">9672</a>
<b>mRNA Refseq</b>	<a href="#">NM_014654.3</a>
<b>Protein Refseq</b>	<a href="#">NP_055469.3</a>

<b>UniProt ID</b>	O75056
<b>Chromosome Location</b>	1p35.2
<b>Pathway</b>	A tetrasaccharide linker sequence is required for GAG synthesis, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Chondroitin sulfate/dermatan sulfate metabolism, organism-specific biosystem; Disease, organism-specific biosystem; Diseases associated with visual transduction, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem; Glycosaminoglycan metabolism, organis
<b>Function</b>	cytoskeletal protein binding;