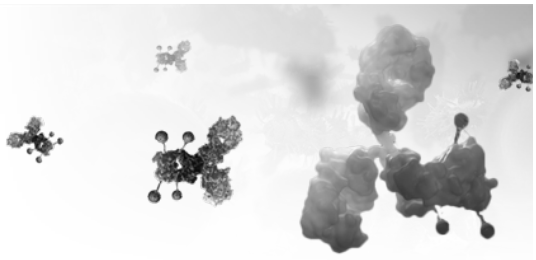

Human SNX9 peptide (DAG-P1946)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the sorting nexin family. Members of this family contain a phosphoinositide binding domain, and are involved in intracellular trafficking. The encoded protein does not contain a coiled coil region, like some family members, but does contain a SRC homology domain near its N-terminus. The encoded protein is reported to have a variety of interaction partners, including of adaptor protein 2 , dynamin, tyrosine kinase non-receptor 2, Wiskott-Aldrich syndrome-like, and ARP3 actin-related protein 3. The encoded protein is implicated in several stages of intracellular trafficking, including endocytosis, macropinocytosis, and F-actin nucleation. [provided by RefSeq, Jul 2013]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the sorting nexin family.Contains 1 BAR domain.Contains 1 PX (phox homology) domain.Contains 1 SH3 domain.
Format	Liquid
Preservative	None
Storage	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

Gene Name	SNX9 sorting nexin 9 [Homo sapiens (human)]
Official Symbol	SNX9
Synonyms	SNX9; sorting nexin 9; SDP1; WISP; SH3PX1; SH3PXD3A; sorting nexin-9; SH3 and PX domain-containing protein 1; SH3 and PX domain-containing protein 3A; Wiskott-Aldrich

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	syndrome protein (WASP) interactor protein;
Entrez Gene ID	51429
mRNA Refseq	NM_016224.4
Protein Refseq	NP_057308.1
UniProt ID	Q9Y5X1
Chromosome Location	6q25.1-q26
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	1-phosphatidylinositol binding; protein binding; protein homodimerization activity; ubiquitin protein ligase binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221