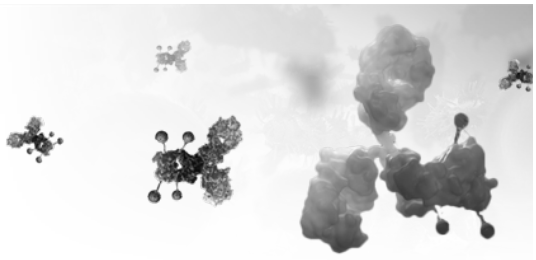

LIMS1 peptide (DAG-P1723)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that this protein may play a role in integrin-mediated cell adhesion or spreading. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]
Specificity	Expressed in most tissues except in the brain.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 5 LIM zinc-binding domains.
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	LIMS1 LIM and senescent cell antigen-like domains 1 [Homo sapiens (human)]
Official Symbol	LIMS1
Synonyms	LIMS1; LIM and senescent cell antigen-like domains 1; PINCH; PINCH1; PINCH-1; LIM and

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	senescent cell antigen-like-containing domain protein 1; renal carcinoma antigen NY-REN-48; particularly interesting new Cys-His protein 1;
Entrez Gene ID	3987
mRNA Refseq	NM_001193482.1
Protein Refseq	NP_001180411.1
UniProt ID	P48059
Chromosome Location	2q12.3
Pathway	Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-extracellular matrix interactions, organism-specific biosystem; Regulation of cytoskeletal remodeling and cell spreading by IPP complex components, organism-specific biosystem;
Function	protein binding; zinc ion binding;

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