

Recombinant Full Length Human LIMS1 Protein

Cat. No. LIMS1-284HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LIMS1 with a N terminal proprietary tag; Predicted MWt 61.82 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	325 amino acids
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.
Form	Liquid
Molecular Mass	61.820kDa inclusive of tags
AA Sequence	MANALASATCERCKGGFAPAEEKIVNSNGELYHEQCFVCAQ CFQQFPEGLFYEFEG RKYCEHDFQMLFAPCCHQCGEFIIG RVIKAMNNSWHPECFRCDLCQEVLADIGFVK NAGRHLCRP CHNREKARGLGKYICQKCHAIIDEQPLIFKNDPYHPDHFN CANGCKE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LTADARELKGELYCLPCHDKMGVPICGACRRPI EGRVVNAMGKQWHVEHFVCAKC
 EKPFGLGHRHYERKGLAYC ETHYNQLFGDVCFHCNRVIEGDVVSALNKAWCVNCF
 CST CNTKLT LKNKFVEFDMKPVCKKCYEKFPLELKKRLKLAEL TLGRK

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [LIMS1 LIM and senescent cell antigen-like domains 1 \[Homo sapiens \]](#)

Official Symbol [LIMS1](#)

Synonyms LIMS1; LIM and senescent cell antigen-like domains 1; LIM and senescent cell antigen-like-containing domain protein 1; PINCH; PINCH1

Gene ID [3987](#)

mRNA Refseq [NM_001193482](#)

Protein Refseq [NP_001180411](#)

MIM [602567](#)

UniProt ID [P48059](#)

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