

## Product datasheet for **TP320075L**

### 67kDa Laminin Receptor (RPSA) (NM\_001012321) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ribosomal protein SA (RPSA), transcript variant 2, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC220075 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSGALDVLQMKEEDVLKFLAAGTHLGGTNLDFQMEQYIKRKSDGIYIINLKRTWEKLLLAARAIVAIEN  
PADVSVISSRNTGQRAVLKFAAATGATPIAGRFTPGTFTNQIAAFREPRLLWTDPRADHQPLTEASYV  
NLPTIALCNTDSPLRYVDIAIPCNNKGAHSVGLMWWMLAREVLRMRGTISREHPWEVMPDLYFYRDPEEI  
EKEGQAAAEKAVTKKEEFQGEWTAPAPEFTATQPEVADWSEGVQVPSVPIQQFPTEDWSAQPATEDWSAAP  
TAQATEWVGATTDWS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 32.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001012321](#)

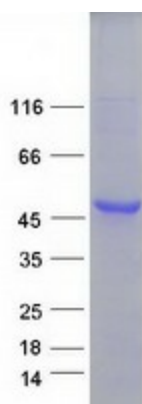
**Locus ID:** 3921



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UniProt ID:	<a href="#">P08865</a>
RefSeq Size:	1109
Cytogenetics:	3p22.1
RefSeq ORF:	885
Synonyms:	37LRP; 67LR; ICAS; LAMBR; lamR; LAMR1; LBP; LBP/p40; LRP; LRP/LR; NEM/1CHD4; p40; SA
Summary:	<p>Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Many of the effects of laminin are mediated through interactions with cell surface receptors. These receptors include members of the integrin family, as well as non-integrin laminin-binding proteins. This gene encodes a high-affinity, non-integrin family, laminin receptor 1. This receptor has been variously called 67 kD laminin receptor, 37 kD laminin receptor precursor (37LRP) and p40 ribosome-associated protein. The amino acid sequence of laminin receptor 1 is highly conserved through evolution, suggesting a key biological function. It has been observed that the level of the laminin receptor transcript is higher in colon carcinoma tissue and lung cancer cell line than their normal counterparts. Also, there is a correlation between the upregulation of this polypeptide in cancer cells and their invasive and metastatic phenotype. Multiple copies of this gene exist, however, most of them are pseudogenes thought to have arisen from retropositional events. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]</p>
Protein Families:	Druggable Genome
Protein Pathways:	Ribosome

### Product images:



Coomassie blue staining of purified RPSA protein (Cat# [TP320075]). The protein was produced from HEK293T cells transfected with RPSA cDNA clone (Cat# [RC220075]) using MegaTran 2.0 (Cat# [TT210002]).