

**Beacon (47-73)**  
**Synthetic Peptide**  
**Catalog # SP3249b****Specification**

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**Beacon (47-73) - Product Information**

Primary Accession	<a href="#">O9BZL1</a>
Other Accession	<a href="#">Q6EGX7</a>
Sequence	NH2-WYTIFKDHVSLGDYEIHDGMNLELYYQ-C OOH

**Beacon (47-73) - Additional Information****Gene ID** 59286**Other Names**

Ubiquitin-like protein 5, UBL5

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Beacon (47-73) - Protein Information****Name** UBL5**Function**

Ubiquitin-like protein that plays a role in cell proliferation and sister chromatid cohesion by associating with spliceosomal proteins (PubMed:<a href="http://www.uniprot.org/citations/25092792" target="\_blank">25092792</a>). Participates thereby in pre- mRNA splicing by maintaining spliceosome integrity. Promotes the functional integrity of the Fanconi anemia DNA repair pathway by interacting with FANCI component and subsequently mediating the formation of FANCI homodimers (PubMed:<a href="http://www.uniprot.org/citations/25862789" target="\_blank">25862789</a>). Plays also a protective role against ER stress-induced apoptosis (PubMed:<a href="http://www.uniprot.org/citations/37315790" target="\_blank">37315790</a>).

**Cellular Location**

Cytoplasm. Nucleus. Nucleus, Cajal body

**Tissue Location**

Ubiquitous. Highest level of expression in heart, skeletal muscle, kidney, liver, iris and

lymphoblasts

**Beacon (47-73) - Images**