

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

Beacon (47-73) - Product Information

Primary Accession	O9BZL1
Other Accession	Q6EGX7
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:25092792). 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:25862789). Plays also a protective role against ER stress-induced apoptosis (PubMed:37315790).

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