

**Ubiquitin-Biotinylated (all lysines unmodified) recombinant protein**  
**UBB, Ribosomal Protein S27a, CEP80, UBA80, UBCEP1, UBCEP80, HUBCEP80, RPS27A.**  
**Catalog # PBV11160r**

## Specification

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### Ubiquitin-Biotinylated (all lysines unmodified) recombinant protein - Product info

Concentration	$\geq 8$
Calculated MW	<b>9.106 kDa KDa</b>

### Ubiquitin-Biotinylated (all lysines unmodified) recombinant protein - Additional Info

#### Other Names

UBB, Ribosomal Protein S27a, CEP80, UBA80, UBCEP1, UBCEP80, HUBCEP80, RPS27A.

Assay&Purity	<b>RP-HPLC; <math>\geq 90\%</math></b>
Assay2&Purity2	<b>N/A;</b>
<b>Target/Specificity</b>	
Ubiquitin	

#### Format

Liquid

#### Storage

-80°C;

### Ubiquitin-Biotinylated (all lysines unmodified) recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Ubiquitin-Biotinylated (all lysines unmodified) recombinant protein - Images

### Ubiquitin-Biotinylated (all lysines unmodified) recombinant protein - Background

Post-translational modification of proteins by ubiquitin (Ub) is a key regulatory process that impacts almost all cellular functions. Ubiquitylation occurs through isopeptide linkage between the C-terminus of Ub and the  $\epsilon$ -amino group of a lysine (Lys) residue on the target substrate. Ub itself has seven Lys residues (6, 11, 27, 29, 33, 48, and 63), any of which can participate in further ubiquitylation, generating polyUb chains. BioVision's biotinylated ubiquitin carries a single biotin molecule attached at a defined location and unlike other biotinylated ubiquitins, avoids modification of the N-terminus, C-terminus or any of the seven Lys side chains. Therefore, this biotinylated

ubiquitin has all lysines available for conjugation and can be incorporated into polyubiquitin chains of any linkage type.