

## 32-8065: Recombinant Human WW Domain-Binding Protein 1/WBP1 (N-6His)

**Gene :** WBP1  
**Gene ID :** 23559  
**Uniprot ID :** Q96G27

### Description

Source: E.coli.  
MW :12.6kD.

Recombinant Human WW Domain-Binding Protein 1 is produced by our E.coli expression system and the target gene encoding Gly170-Pro269 is expressed with a 6His tag at the N-terminus. WW Domain-Binding Protein 1 (WBP1) is widely expressed in many tissues, but it is lowly expressed in the lung, placenta, kidney, and liver. WBP1 contains two WW-binding motifs: WW-binding 1 and WW-binding 2 that are involved in mediating protein-protein interactions through the binding of polyproline ligands. The WW-binding domain is composed of 38 to 40 semi-conserved amino acids shared by proteins with diverse functions including structural, regulatory, and signaling proteins. In addition, WBP1 also encodes a ligand of the WW domain of the Yes kinase-associated protein. This function has not been determined.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMGTNVEGVSSHQSAPPHQEGEPGAGVTPASTPPSCRYRRLTGDSGIELCPCP ASGEGEPVKEVRVSATLPDLSDYSPCALPPESVPQIFPMGLSSSEGDIP

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.