# **Recombinant Human WBP2 Protein (His Tag)**

Catalog Number: PKSH033227



Note: Centrifuge before opening to ensure complete recovery of vial contents.

## **Description**

Synonyms WW Domain-Binding Protein 2;WBP-2;WBP2

SpeciesHumanExpression HostE.coli

Sequence Met 1-Ala100
Accession Q969T9
Calculated Molecular Weight 13.4 kDa
Observed molecular weight 14 kDa
Tag N-His

## **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin**  $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$ 

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.
 Formulation Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 1mM DTT, 5%

Trehalose, pH 8.0.

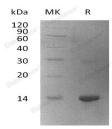
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information i

**Reconstitution** Please refer to the printed manual for detailed information.

#### Data



> 95 % as determined by reducing SDS-PAGE.

## **Background**

WW Domain-Binding Protein 2 (WBP2) is a ubiquitous protein that contains one GRAM domain. The WW domain is composed of 38 to 40 semi-conserved AA shared by proteins of diverse functions including structural, regulatory, and signaling proteins. The domain is participated in mediating protein-protein interactions. WBP2 binds to the WW domain of YAP1, WWP1 and WWP2. The WW-binding 1 motif of WBP2 mediates interaction with NEDD4. The function of this protein WBP2 has not been determined. Some researches demonstrate that WBP-2 also interacts with the thyroid-specific transcription factor Pax8.

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