



Recombinant Protein Technical Manual

Recombinant Human WBP2 Protein (His Tag)

RPES2809

Product Data:

Product SKU: RPES2809

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q969T9

Protein Information:

Molecular Mass: 13.4 kDa

AP Molecular Mass: 14 kDa

Tag: N-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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 TrisHCl, 1mM DTT, pH 8.0.

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

Application:

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

Immunogen Information:

Sequence: Met 1-Ala100

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.