

# Product datasheet for TP761910

# BLNK (NM\_013314) Human Recombinant Protein

## **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Human B-cell linker (BLNK), transcript variant 1, Met1-Gln292, with N-terminal HIS tag, expressed in E. coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding the region(Met1-Gln292) of BLNK or AA Sequence: N-His Tag: Predicted MW: 32.2 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 037446 29760 Locus ID: **UniProt ID:** Q8WV28 **RefSeq Size:** 1829 Cytogenetics: 10q24.1 **RefSeq ORF:** 1368 Synonyms: AGM4; BASH; bca; BLNK-S; LY57; SLP-65; SLP65



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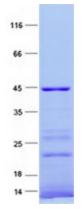
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### **GRIGENE** BLNK (NM\_013314) Human Recombinant Protein – TP761910

- Summary:This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell<br/>development. This protein bridges B cell receptor-associated kinase activation with<br/>downstream signaling pathways, thereby affecting various biological functions. The<br/>phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct<br/>signaling effectors following B cell receptor activation. Mutations in this gene cause<br/>hypoglobulinemia and absent B cells, a disease in which the pro- to pre-B-cell transition is<br/>developmentally blocked. Deficiency in this protein has also been shown in some cases of<br/>pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants have been found<br/>for this gene. [provided by RefSeq, May 2012]
- Protein Families: Druggable Genome

**Protein Pathways:** B cell receptor signaling pathway, Primary immunodeficiency

### **Product images:**



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