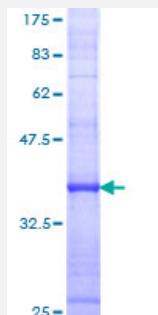


# BLNK (Human) Recombinant Protein (Q01)

Catalog # H00029760-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human BLNK partial ORF ( AAH18906, 301 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	KQIHQKPIPLPRFTEGGNPTVDGPLPSFSSNSTISEQEAGVLCKPWYAGACDRKSAEEALHRSNK DGSFLIRKSSGHDSKQPYTLVVFFNKR VYNIPVRF
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — BLNK

Entrez GeneID [29760](#)

GeneBank Accession# [BC018906](#)

Protein Accession# [AAH18906](#)

Gene Name BLNK

Gene Alias BASH, BLNK-S, LY57, MGC111051, SLP-65, SLP65

Gene Description B-cell linker

Omim ID [604515](#)

Gene Ontology [Hyperlink](#)

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

**Other Designations** B cell linker protein|B-cell adapter containing a SH2 domain protein|B-cell adapter containing a Src homology 2 domain protein|OTTHUMP00000020167|Src homology 2 domain-containing leukocyte protein of 65 kDa

## Pathway

- [B cell receptor signaling pathway](#)

- [Primary immunodeficiency](#)

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)