

Recombinant Human BIN2, His-tagged

Cat. No. BIN2-7962H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human Bridging Integrator 2/BIN2 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1Asn244) of Human BIN2 fused with a 6His tag at the Nterminus.

Species Human

Source E.coli

Description Bridging Integrator 2 (BIN2) is a cytoplasmic protein. BIN2 contains one BAR domain and Interacts with BIN1. BIN2 is highly expressed in some hematopoietic tissues, including peripheral blood, thymus, colon and placenta. BIN2 is an Arabidopsis GSK3like kinase that negatively regulates brassinosteroid (BR) signaling. Genetic studies show that BIN2 is inhibited in response to BR perception at the cell surface to relieve its inhibitory effects on downstream targets.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4

Purity Greater than 95% as determined by reducing SDS-PAGE.

Notes For research use only.

Storage Lyophilized protein should be stored at less than 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 less than 20°C. for 3 months.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

| | |
|----------------------------|---|
| Gene Name | BIN2 bridging integrator 2 [Homo sapiens] |
| Official Symbol | BIN2 |
| Synonyms | BIN2; bridging integrator 2; BRAP 1; bridging integrator-2; breast cancer-associated protein 1; breast cancer associated protein BRAP1; BRAP-1; |
| Gene ID | 51411 |
| mRNA Refseq | NM_016293 |
| Protein Refseq | NP_057377 |
| MIM | 605936 |
| UniProt ID | Q9UBW5 |
| Chromosome Location | 12q13.13 |
| Function | protein binding; |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA