

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 µM 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.

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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;

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