

[Go to Product page](#)

Datasheet for ABIN7318210 BIN2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	BIN2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BIN2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Bridging Integrator 2/BIN2 Protein (His Tag)
Sequence:	Met 1-Asn244
Characteristics:	Recombinant Human Bridging Integrator 2 is produced by our E.coli expression system and the target gene encoding Met1-Asn244 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	BIN2
Alternative Name:	Bridging Integrator 2/BIN2 (BIN2 Products)
Background:	Background: 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 GSK3-like kinase

Target Details

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.

Synonym: Bridging Integrator 2, Breast Cancer-Associated Protein 1, BIN2, BRAP1

Molecular Weight: 30.6 kDa

UniProt: [Q9UBW5](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, 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.