

Recombinant Human BIN2 Protein

Catalog #	Source	Reactivity	Applications
CRP1117	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BIN2 Protein 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.		
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	BIN2		
Alternative Names	BRAP1; Bridging integrator 2; Breast cancer-associated protein 1		
Entrez Gene	51411 (Human)		
SwissProt	Q9UBW5 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MAEGKAGGAA GLFAKQVQKK FSRAQEKVLQ KLGKAVETKD ERFEQSASNF YQQAEGHKL YKDLKNFLSA VKVMHESSKR VSETLQEIYS SEWDGHEELK AIVWNNDLLW EDYEEKLADQ AVRTMEIYVA QFSEIKERIA KRGRKLVLDYD SARHHLEAVQ NAKKKDEAKT AKAEFEFNKA QTVFEDLNQE LLEELPILYN SRIGCYVTIF QNISNLRDVF YREMSKLNHN LYEVMSKLEK QHSN		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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