9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

BIN2 Human

Bridging Integrator 2 Human Recombinant
RCP0218

Product Overview

Name	BIN2 Human
Description	
Bridging Integrator 2 Human Recombinant	
Accession (Primary)	Q9UBW5
Synonyms	
Bridging Integrator 2, Breast Cancer-Associated Protein 1, Breast Cancer Associated Protein BRAP1, BRAP-1, BRAP1, BIN2.	
Introduction	
BIN2, also known as Bridging Integrator 2, is a cytoplasmic protein. BIN2 comprises one BAR domain and Interacts with BIN1. BIN2 is highly expressed in some hematopoietic tissues, including peripheral blood, colon, thymus and placenta. BIN2 stimulates cell motility and migration, most likely through its interaction with the cell membrane and with podosome proteins which mediate interaction with the cytoskeleton and likewise modulates membrane curvature & mediates membrane tubulation.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
BIN2 protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4), 20% glycerol, 1mM DTT and 0.1mM PMSF.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP MRGMPGA RTSSSGASEN HRARGQGGGP QGVGRMAEGK AGGAAGLFAK QVQKKFSRAQ EKVLQKLGKA VETKDERFEQ SASNFYQQQA EGHKLYKDLK NFLSAVKVMH ESSKRVSETL QEIYSSEWDG HEELKAIVWN	

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NDLLWEDYEE KLADQAVRTM EIYVAQFSEI KERIAKRGRK LVDYDSARHH LEAVQNAKKK DEAKTAKAEE EFNKAQTVFE DLNQELLEEL PILYNSRIGC YVTIFQNISN LRDVFYREMS KLNHNLYEVM SKLEKQHSNK VFVVKGLSSS SRRSLVISPP VRTATVSSPL TSPTSPSTLS LKSESESVSA TEDLAPDAAQ GEDNSEIKEL LEEEEIEKEG SEASSSEEDE PLPACNGPAQ AQPSPTTERA KSQEEVLPSS TTPSPGGALS PSGQPSSSAT EVVLRTRTAS EGSEQPKKRA SIQRTSAPPS RPPPPRATAS PRPSSGNIPS SPTASGGGSP TSPRASLGTG TASPRTSLEV SPNPEPPEKP VRTPEAKENE NIHNQNPEEL CTSPTLMTSQ VASEPGEAKK MEDKEKDNKL ISANSSEGQD QLQVSMVPEN NNLTAPEPQE EVSTSENPQL HHHHHH

Precautions

BIN2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBW5)