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32-13055: BIN2 Human

Alternative Name : Bridging Integrator 2, Breast Cancer-Associated Protein 1, Breast Cancer Associated Protein BRAP1, BRAP-1, BRAP1, BIN2.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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.
BIN2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (1-597 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 606 amino acids and having a molecular mass of 66.1kDa.BIN2 shows multiple bands between 70-100kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	BIN2 protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4), 20% glycerol, 1mM DTT and 0.1mM PMSF.
Storage condition :	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.
Amino Acid :	ADPMRGMPGA RTSSSGASEN HRARGQGGGP QGVGRMAEGK AGGAAGLFAK QVQKKFSRAQ EKVLQKLGKA VETKDERFEQ SASNFYQQQA EGHKLYKDLK NFLSAVKVMH ESSKRVSETL QEIYSSEWDG HEELKAIVWN 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

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