

Recombinant Human BIN2 Protein, His-tagged

Cat. No. BIN2-224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BIN2(1-597aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-597aa
Description	BIN2, also known as bridging integrator 2 isoform1, is a cytoplasmic protein. It contains one BAR domain and Interacts with BIN1. This protein is highly expressed in some hematopoietic tissues, including peripheral blood, thymus, colon and placenta. It Promotes cell motility and migration, probably via its interaction with the cell membrane and with podosome proteins that mediate interaction with the cytoskeleton and also modulates membrane curvature and mediates membrane tubulation.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	66.1kDa (606aa) 70-100KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPMRGMPGA RTSSSGASEN HRARGQGGGP QGVGRMAEGK AGGAAGLFAK QVQKKFSRAQ EKVLQKLGKA VETKDERFEQ SASNFYQQQA EGHKLYKDLK NFLSAVKVMH ESSKRVSETL QEIYSSEWDG HEELKAIVWN NDLLWEDYEE KLADQAVRTM EIYVAQFSEI KERIAKRGRK LVDYDSARHH LEAVQNAKKK DEAKTAKAEE EFNKAQTVFE DLNQELLEEL

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PILYNSRIGC YVTIFQNISN LRDVFYREMS KLNHNLYEVM
 SKLEKQHSNK VFVVKGLSSS SRRSLVISPP VRTATVSSPL TSPTSPSTLS
 LKSESESVSA TEDLAPDAAQ GEDNSEIKEL LEEEEIEKEG
 SEASSSEDE PLPACNGPAQ AQSPSTTERA KSQEEVLPSS TTPSPGGALS
 PSGQPSSSAT EVVLRTRTAS EGSEQPKKRA SIQRTSAPPS
 RPPPPRATAS PRPSSGNIPS SPTASGGGSP TSPRASLG TG TASPRTSLEV
 SPNPEPPEKP VRTPEAKENE NIHNQNPEEL CTSPTLMTSQ
 VASEPGEAKK MEDKEKDNKL ISANSSEGQD QLQVSMVPEN NNLTAPEPQE
 EVSTSENPQL HHHHHH

Purity > 80% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Absorbance at 280nm)

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

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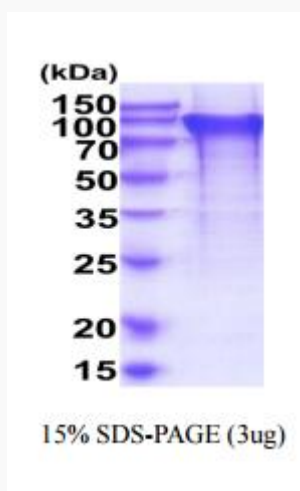
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mRNA Refseq [NM_016293](#)

Protein Refseq [NP_057377](#)

MIM [605936](#)

UniProt ID [Q9UBW5](#)



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