

Recombinant Human FBNP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FBNP1-6112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBNP1 MS Standard C13 and N15-labeled recombinant protein (NP_055848) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the formin-binding-protein family. The protein contains an N-terminal Fer/Cdc42-interacting protein 4 (CIP4) homology (FCH) domain followed by a coiled-coil domain, a proline-rich motif, a second coiled-coil domain, a Rho family protein-binding domain (RBD), and a C-terminal SH3 domain. This protein binds sorting nexin 2 (SNX2), tankyrase (TNKS), and dynamin; an interaction between this protein and formin has not been demonstrated yet in human.
Molecular Mass	71.3 kDa
AA Sequence	MSWGTELWDQFDNLEKHTQWGIDILEKYIKFVKERTEIELSYAKQLRNLSKKYQPKK NSKEEEEYKYTSCKAFISNLNEMNDYAGQHEVISENMQIIVDLARYVQELKQERK SNFHDGRKAQQHIETCWKQLESSKRRFERDCKEADRAQQYFEKMDADINVTKADV EKARQQAQIRHQMAEDSKADYSSILQKFNHEQHEYYHTHIPNIFQKIQEMEERRIVR MGESMKTYAEVDRQVIPIIGKCLDGIVKAAESIDQKNDSQLVIEAYKSGFEPFGDIEFE DYTQPMKRTVSDNSLSNSRGEKPKDLKFGGKSKGKLWPFIKKNKLMSLLTSPHQPP

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PPPPASASPSAVPNGPQSPKQQKEPLSHRFNEFMTSKPKIHCFRSLKRGLSLKLGA
 TPEDFSNLPPEQRRKKLQQKVDELNKEIQKEMDQRDAITKMKDVYLKNPQMGPAS
 LDHKLAEVSQNIKLRVETQKFEAWLAEVEGRLPARSEQARRQSGLYDSQNPPTVN
 NCAQDRESPDGSYTEEQSQESEMKVLATDFDDEFDDEEPLPAIGTCKALYTFEGQN
 EGTISVVEGETLYVIEEDKGDGWTRIRRNEDDEEGYVPTSIVEVCLDKNAKDSTRTRP
 LEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FNBP1 formin binding protein 1 [Homo sapiens (human)]

Official Symbol FNBP1

Synonyms FNBP1; formin binding protein 1; formin-binding protein 1; FBP17; KIAA0554; formin-binding protein 17; MGC126804;

Gene ID 23048

mRNA Refseq NM_015033

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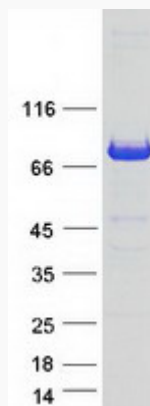
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Protein Refseq NP_055848

MIM 606191

UniProt ID Q96RU3

SDS-PAGE



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