

Recombinant Full Length Human FBNP1 Protein, C-Flag-tagged

Cat. No. FBNP1-1277HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FBNP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	71.1 kDa
AA Sequence	MSWGTELWDQFDNLEKHTQWGIDILEKYIKFVKERTEIELSYAKQLRNLSKKYQPKK NSKEEEEYKYTSC KAFISNLNEMNDYAGQHEVISENMQSIIVDLARYVQELKQERK SNFHDGRKAQQHIETCWKQLESSKRR FERDCKEADRAQQYFEKMDADINVTKADV EKARQQAQIRHQMAEDSKADYSSILQKFNHEQHEYYHTHIP NIFQKIQEMEERRIVR MGESMKTYAEVDRQVIPIIGKCLDGIVKAAESIDQKNDSQLVIEAYKSGFEPPG DIEF

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EDYTQPMKRTVSDNSLSNSRGEGKPD LKFGGKSKGKLWPF IKKNKLMSLLTSPHQ P
 PPPPPASASP SAVPNGPQSPKQQKEPLSHRFNEFMTSKPKIHCFRSLKRGLSLKLG
 ATPEDFSNLPPEQRRKKLQQKVDE LNKEIQKEMDQRDAITKMKDVYLKNPQM GDP
 ASLDHKLAEV SQNIEKLRVETQKFEAWLAEVEGRLPARS EQARRQSGLYDSQNPPT
 VNNCAQDRESPDGSYTEEQSQESEMKV LATDFDDEFDDEEPLPAIGTCKALYT
 FEGQNEGTISVVEGETLYVIEEDKGDGWTRIRRNEDEEGYVPTSYVEVCLDKNAKD
 STRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

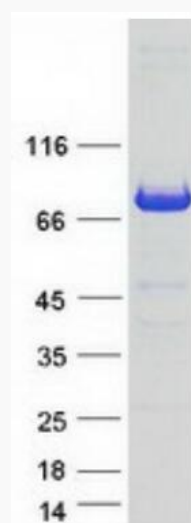
Gene Name	FNBP1 formin binding protein 1 [Homo sapiens (human)]
Official Symbol	FNBP1
Synonyms	FBP17
Gene ID	23048

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mRNA Refseq	NM_015033.3
Protein Refseq	NP_055848.1
MIM	606191
UniProt ID	Q96RU3



Coomassie blue staining of purified FNBP1 protein.