

Recombinant Full Length Human BANF1 Protein, GST-tagged

Cat. No. BANF1-1810HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BANF1 full-length ORF (AAH05942, 1 a.a. - 89 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	89 amino acids
Description	The protein encoded by this gene was first identified by its ability to protect retroviruses from intramolecular integration and therefore promote intermolecular integration into the host cell genome. The protein forms a homodimer which localizes to both the nucleus and cytoplasm and is specifically associated with chromosomes during mitosis. This protein binds to double stranded DNA in a non-specific manner and also binds to LEM-domain containing proteins of the nuclear envelope. This protein is thought to facilitate nuclear reassembly by binding with both DNA and inner nuclear membrane proteins and thereby recruit chromatin to the nuclear periphery. Alternative splicing results in multiple transcript variants encoding the same protein
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	35.53 kDa
AA Sequence	MTTSQKHRDFVAEPMGEKPVGSLAGIGEVLGKKLEERGFDKAYVVLGQFLVLKKDE DLFREWLKDTCGANAKQSRDCFGCLREWCD AFL

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	BANF1 barrier to autointegration factor 1 [Homo sapiens]
Official Symbol	BANF1
Synonyms	BANF1; barrier to autointegration factor 1; barrier-to-autointegration factor; BAF; breakpoint cluster region protein 1; NGPS; BCRP1; D14S1460; MGC111161
Gene ID	8815
mRNA Refseq	NM_001143985
Protein Refseq	NP_001137457
MIM	603811
UniProt ID	O75531

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