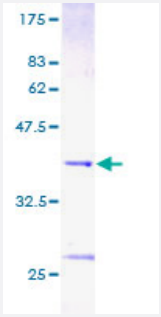
Full-Length

BANF1 (Human) Recombinant Protein (P01)

Catalog # H00008815-P01 Size 10 ug, 25 ug

Applications



Specification

Product Description	Human BANF1 full-length ORF (AAH05942, 1 a.a. - 89 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTTSQKHRDFVAEPMGEKPVGSLAGIGEVLGKKLEERGFDKAYVVLGQFLVLKKDEDLFREWLK DTCGANAKQSRDCFGCLREWCDAFL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BANF1

Entrez GeneID	8815
GeneBank Accession#	BC005942
Protein Accession#	AAH05942
Gene Name	BANF1
Gene Alias	BAF, BCRP1, D14S1460, MGC111161
Gene Description	barrier to autointegration factor 1
Omim ID	603811
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene was first identified by its ability to protect retroviruses from intra molecular 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 specific ally 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 res ults in multiple transcript variants encoding the same protein
Other Designations	-