

Recombinant Mouse Banf1 Protein, Myc/DDK-tagged

Cat. No. Banf1-1822M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length barrier to autointegration factor 1 (Banf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays fundamental roles in nuclear assembly, chromatin organization, gene expression and gonad development. May potentially compress chromatin structure and be involved in membrane recruitment and chromatin decondensation during nuclear assembly. Contains 2 non-specific dsDNA-binding sites which may promote DNA cross-bridging.
Molecular Mass	10.1 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Banf1 BAF nuclear assembly factor 1 [Mus musculus (house mouse)]
Official Symbol	Banf1
Synonyms	BANF1; barrier to autointegration factor 1; barrier-to-autointegration factor; LAP2 binding protein 1; LAP2-binding protein 1; breakpoint cluster region protein 1; Baf; Bcrp1; C78287; L2bp1/Baf
Gene ID	23825
mRNA Refseq	NM_001038231
Protein Refseq	NP_001033320
UniProt ID	O54962

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