



## Recombinant Centromere Protein F (CENPF)

Catalog No.: TP08710 50µg

### Sequence Information

**Species:** Human

**Gene ID:**1063

**Swiss Prot:**P49454

**Synonyms:**AH antigen,Mitotin

**Residues:**Gln436~Lys637

QAELD KLTSVKQQLE NNLEEFKQKL CRAEQAFQAS QIKENELRRS MEEMKKENNL  
LKSHSEQKAR EVCHLEAELK NIKQCLNQSQ NFAEEMKAKN TSQETMLRDL QEKINQQENS  
LTLEKLKLAV ADLEKQRDCS QDLLKKREHH IEQLNDKLSK TEKESKALLS  
ALELKKKEYE ELKEEKTIFS CWKSENEKLL TQMESEK

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Nucleus, Cytoplasm, Chromosome.

**Purity:** >95%

**Traits:** liquid

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 100µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.6

**Predicted Molecular Mass:** 27.7kDa

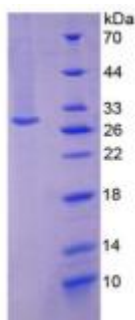
**Accurate Molecular Mass:** 28kDa as determined by SDS-PAGE reducing conditions.

### **[ STORAGE AND STABILITY ]**

**Storage:**Store at 2-8°C for 3-5Days.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



**Figure 1. SDS-PAGE**

**[ IMPORTANT NOTE ]**

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.