

# Eukaryotic High Mobility Group Protein 1 (HMGB1) Instruction Manual

## SFPA124Hu61

**Homo sapiens (Human)**

<b>Source</b>	Eukaryotic expression
<b>Host</b>	293F cell
<b>Endotoxin Level</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Nucleus, Secreted, Cytoplasm, Endosome, Chromosome
<b>Predicted Molecular Mass</b>	51.3kDa
<b>Accurate Molecular Mass</b>	51kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~Glu215 with N-terminal His Tag and C-terminal Fc Region of Human IgG1
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	5.6
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
MGKGDPKKPR GKMSSYAFFV QTCREEHKKK HPDASVNFSE FSKKCSERWK  
TMSAKEKGKF EDMAKADKAR YEREMKTYIP PKGETKKKFK DPNAPKRPPS  
AFFLFCSEYR PKIKGEHPGL SIGDVAKKLG EMWNNTAADD KQPYEKKA  
LKEYEKDIA AYRAKGPDA AKKGVVKA EKSKKKKEEEED EDEEDEEEEE  
EDEEDEEEEE DDDDE
```

## USAGE

Reconstitute in PBS or others.

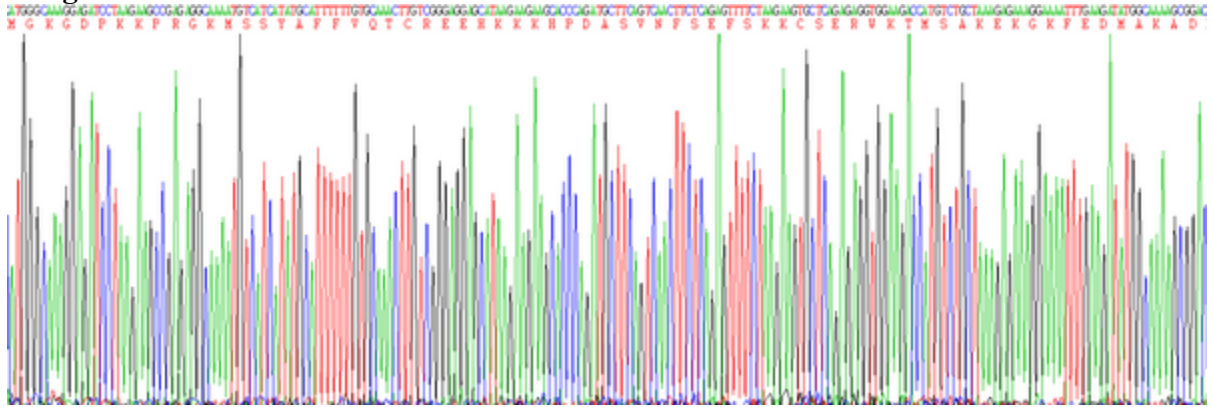
## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

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.

### Image



### **[IMPORTANT NOTE]**

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