

# Eukaryotic Neutrophil Elastase (NE) Instruction Manual

## SFPA096Mu61

### Mus musculus (Mouse)

|                                 |   |
|---------------------------------|---|
| <b>Source</b>                   | Eukaryotic expression   |
| <b>Host</b>                     | 293F Cell   |
| <b>Endotoxin Level</b>          | <1.0EU per 1µg (determined by the LAL method)                           |
| <b>Subcellular Location</b>     | Cytoplasm, Extracellular matrix   |
| <b>Predicted Molecular Mass</b> | 21.7kDa   |
| <b>Accurate Molecular Mass</b>  | 33kDa(Analysis of differences refer to the manual)                      |
| <b>Residues &amp; Tags</b>      | Ser27~Asn265 with N-terminal His Tag                                    |
| <b>Buffer Formulation</b>       | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| <b>Traits</b>                   | Freeze-dried powder   |
| <b>Purity</b>                   | > 97%   |
| <b>Isoelectric Point</b>        | 9.6   |
| <b>Applications</b>             | Positive Control; Immunogen; SDS-PAGE; WB.                              |

### SEQUENCE

```
SEIV GGRPARPHAW PFMASLQRRG  
GHFCGATLIA RNFVMSAAHC VNGLNFRSVQ VVLGAHDLRR QERTRQTFSV  
QRIFENGFDL SLLNDIVII QLNGSATINA NVQVAQLPAQ GQGVGDRTPC  
LAMGWGRLGT NRPSPSVLQE LNVTVVNTMC RRRVNVCTLV PRRQAGICFG  
DSGGPLVCNN LVQGIDSFIR GGCGSGLYPD AFAPVAEFAD WINSIIRSHN  
DHLLTHPKDR EGRTN
```

### USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### STORAGE

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

