Eukaryotic Osteoprotegerin (OPG) Instruction Manual

SFPA070Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	42.4kDa
Accurate Molecular Mass	42kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr31~Leu401 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                YDEETSHQLL CDKCPPGTYL
KQHCTAKWKT VCAPCPDHYY TDSWHTSDEC LYCSPVCKEL QYVKQECNRT
HNRVCECKEG RYLEIEFCLK HRSCPPGFGV VQAGTPERNT VCKRCPDGFF
SNETSSKAPC RKHTNCSVFG LLLTQKGNAT HDNICSGNSE STQKCGIDVT
LCEEAFFRFA VPTKFTPNWL SVLVDNLPGT KVNAESVERI KRQHSSQEQT
FQLLKLWKHQ NKDQDIVKKI IQDIDLCENS VQRHIGHANL TFEQLRSLME
SLPGKKVGAE DIEKTIKACK PSDQILKLLS LWRIKNGDQD TLKGLMHALK
HSKTYHFPKT VTQSLKKTIR FLHSFTMYKL YQKLFLEMIG NQVQSVKISC
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USAGE

Reconstitute in PBS or others.

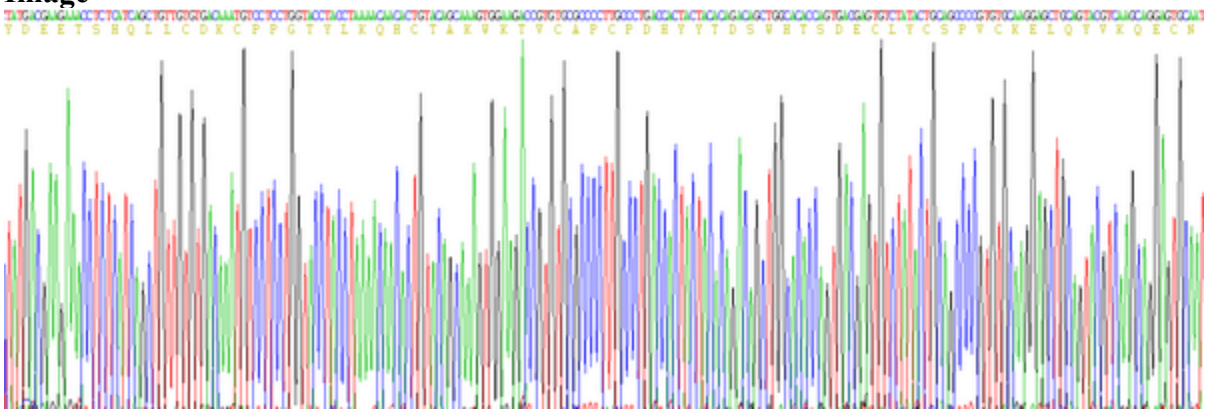
STORAGE

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



SDS-PAGE 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.