Soluble RANK Ligand Mouse E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Mouse

Cat. No.:

RP1763200002	(2 µg)
RP1763200010	(10 ug)

Description

Soluble Receptor Activator of NF?B Ligand (sRANKL) Mouse Recombinant produced in E.coli is single, non-glycosylated, polypeptide chain containing 179 amino acids and having a total molecular mass of 19.9 kDa. CD254 is purified by proprietary chromatographic techniques.

Amino Acid Sequence

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PAMMEGSWLD VAQRGKPEAQ PFAHLTINAA SIPSGSHKVT LSSWYHDRGW AKISNMTLSN GKLRVNQDGF YYLYANICFR
HHETSGSVPT DYLQLMVYVV KTSIKIPSSH NLMKGGSTKN WSGNSEFHFY SINVGGFFKL RAGEEISIQV SNPSLLDPDQ
DATYFGAFKV QDID
```

Source

E. coli

Purity

Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE

Biological Activity

BioVendor's rMsRANKL Measured by its ability to induce osteoclast formation on murine RAW264.7 cells using a concentration of 5.0-10.0 ng/ml.

Formulation

The protein (1mg/ml) was lyophilized with 10mM NaP, pH 7.5+ 50 NaCl.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Lyophilized sRANKL although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution sRANKL should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

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