Optimize Your Research

Recombinant Human soluble Receptor Activator of Nuclear Factor kappa-B Receptor protein

Code CD00883

Storage: This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

Source

Escherichia coli.

Molecular Weight

Approximately 19.1 kDa, a single non-glycosylated polypeptide chain containing 174 amino acids.

Purity

> 98 % by SDS-PAGE and HPLC analyses.

Biological Activity

Fully biologically active when compared to standard. The ED50 as determined by its ability to inhibit sRANK Ligand induced nuclear factor kappa B(NFkappaB) in RAW 264.7 cells is less than 50 ng/ml, corresponding to a specific activity of > 2.0 × 104 IU/mg in the presence of 15 ng/ml of recombinant sRANK Ligand.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM Tris-HCl, pH 8.0, 150mM NaCl.

Sequence

QIAPPCTSEK HYEHLGRCCN KCEPGKYMSS KCTTTSDSVC LPCGPDEYLD SWNEEDKCLL HKVCDTGKAL VAVVAGNSTT PRRCACTAGY HWSQDCECCR RNTECAPGLG AQHPLQLNKD TVCKPCLAGY FSDAFSSTDK CRPWTNCTFL GKRVEHHGTE KSDAVCSSSL PARK

Endotoxin

Less than 0.1 EU/μg of rHusRANK Receptor as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

If you have any question on order please contact us via: order@bt-laboratory.com; technical assistance please contact us via: support@bt-laboratory.com More product visit www.bt-laboratory.com

5/F 2 Bldg., 501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China
Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com