

Recombinant Mouse RANKL/TNFSF11 Protein (His Tag)

RPES3368

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES3368

Purity: > 90 % as determined by reducing SDS-PAGE.

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Mouse

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: CD254, ODF, OPGL, Osteoclast differentiation factor, Osteoprotegerin ligand, RANKL, Receptor activator of nuclear factor kappa-B ligand, TNF-related activation-induced cytokine, TRANCE, Tnfsf11, Tumor necrosis factor ligand superfamily member 11

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: N-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: HEK293 Cells

Bio-Activity: Loaded Recombinant Human OPG-Fc on Pro A Biosensor, can bind Mouse RANKL- His with an affinity constant of 1.02 pM as determined in BLI assay.

Calculated MW: 28.3 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM HEPES-NaOH, 50mM NaCl, 6% Trehalose, 4% Mannitol, 0.05% Tween 80, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 30-35 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Recombinant Human

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

OPG-Fc on Pro A Biosensor, can bind Mouse RANKL-His with an affinity constant of 1.02 pM as determined in BLI assay.

Accession: BAA97257.1

Source: HEK293 Cells-derived Mouse RANKL/TNFSF11 protein Arg43-Asp287, with an N- terminal His

Sequence: Arg43-Asp287

Form: Lyophilized powder

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.