

Product datasheet for **TP727362**

RANK (TNFRSF11A) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human RANK/TNFRSF11A/CD265 (C-6His) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Ile30-Pro212 |
| Tag: | C-His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4. |
| Note: | Recombinant Human Receptor Activator of NF-kappa-B is produced by our Mammalian expression system and the target gene encoding Ile30-Pro212 is expressed with a 6His tag at the C-terminus. |
| Storage: | Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 8792 |
| UniProt ID: | Q9Y6Q6 |
| Synonyms: | CD265; ODFR; TNFRSF11A; TRANCE R; CD265; CD265 antigen; FEO; ODFROSTS; OFE; OPTB7; PDB2; RANK1; Receptor activator of NF-KB; receptor activator of nuclear factor-kappa B; TRANCER; tumor necrosis factor receptor superfamily member 11A |
| Summary: | Receptor Activator of Nuclear Factor $\hat{\iota}$ B (RANK), also known as CD265, TRANCE Receptor or TNFRSF11A, is member of the tumor necrosis factor receptor (TNFR) molecular superfamily. RANK is the receptor for RANK-Ligand (RANKL) and part of the RANK/RANKL/OPG signaling pathway that regulates osteoclast differentiation and activation. It plays a vital role in bone remodeling and repair, immune cell function, lymph node development, thermal regulation, and mammary gland development. RANK is constitutively expressed in skeletal muscle, thymus, liver, colon, small intestine, adrenal gland, osteoclast, mammary gland epithelial cells, prostate, vascular cell, and pancreas. |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Cytokine-cytokine receptor interaction |



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