

## Recombinant Human TNFRSF11A/RANK/CD265 Protein

RPCB0547

### Protein Information

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<b>Size:</b>	10 µg	<b>Tag:</b>	C-His
<b>Reactivity:</b>	Human	<b>Expressed Host:</b>	HEK293 cells
<b>Calculated MW:</b>	26.3 kDa	<b>Observed MW:</b>	35-50 kDa

### Background

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This protein is a member of the TNF-receptor superfamily. These receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.

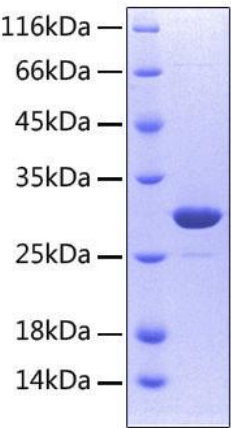
### Properties

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<b>Synonyms:</b>	TNFRSF11A, CD265, FEO, LOH18CR1, ODFR, OFE, OPTB7, OSTs, PDB2, RANK, TRANCE
<b>Gene ID:</b>	8792
<b>Endotoxin:</b>	< 1 EU/µg of the protein by LAL method.
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Recombinant Human TNFRSF11A/RANK/CD265 Protein (RPCB0547), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
<b>Purity:</b>	≥ 95 % as determined by SDS-PAGE.
<b>Storage:</b>	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data

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Recombinant Human  
TNFRSF11A/RANK/CD265 Protein was  
determined by SDS-PAGE under reducing  
conditions with Coomassie Blue.