

## Product Information

### MemDX™ Membrane Protein Human TNFRSF11A (TNF receptor superfamily member 11a) for Antibody Discovery

Cat. No.: **MP0168Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 47.6 kDa Human TNFRSF11A membrane protein expressed in Insect. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

TNFRSF11A

##### Protein Length

Partial

##### Protein Class

Druggable Genome, Transmembrane

##### Molecular Weight

47.6 kDa

##### TMD

1

##### Sequence

MAPRARRRRPLFALLL CALLARLQVALQIAPPCTSEKHYEHLGRCCNKCEPGKYMSSKCTTSDSVCLPCGPDEYLD SWNEEDK

#### Product Description

##### Expression Systems

Insect

##### Tag

His

##### Form

Powder

##### Endotoxin

< 1.0 EU per 1 microgram of protein

#### **Purity**

>90% by SDS - PAGE

#### **Buffer**

10% glycerol

#### **Storage**

Store at +4°C for up to one week or several months at -80°C

#### **Target**

##### **Target Protein**

TNFRSF11A

##### **Full Name**

TNF receptor superfamily member 11a

#### **Introduction**

The protein encoded by this gene is a member of the TNF-receptor superfamily. This 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.

#### **Alternative Names**

FEO; OFE; ODFR; OSTS; PDB2; RANK; CD265; OPTB7; TRANCER; LOH18CR1; tumor necrosis factor receptor superfamily member 11A; Osteoclast differentiation factor receptor; ODFR; Receptor activator of NF-KB; CD265; Paget disease of bone 2; loss of heterozygosity, 18, chromosomal region 1; receptor activator of nuclear factor-kappa B; tumor necrosis factor receptor superfamily, member 11a, NFKB activator

#### **Gene ID**

[8792](#)

#### **UniProt ID**

[Q9Y6Q6](#)