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**TNFRSF11A, 28-212aa, Human, hlgG-His tag, Insect cell**

**Cat.NO.: TP04243**

3th Edition

**Synonyms:**TNFRSF11A, CD265, FEO, LOH18CR1, ODFR, OFE, OPTB7, OSTs, PDB2, RANK, TRANCER

**Description:**TNFRSF11A, also known as tumor necrosis factor receptor superfamily member 11A, is a member of the tumor necrosis factor receptor family. TNFRSF11A is widely expressed with highest levels in skeletal muscle, thymus, liver, colon, small intestine and adrenal gland and dendritic cells. In activated human peripheral blood T lymphocytes, TNFRSF11A expression is induced by IL4 and TGF- $\beta$ . Recombinant human TNFRSF11A, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**47.6kDa (427aa), 40-57kDa (SDS-PAGE under reducing conditions)

**Sequences:**

ADPLQIAPPCTSEKHYEHLGRCCNKCEPGKYMSSKCTTTSDSVCLPCGPDEYLDSWNEEDKCLLHKVCDTGKALV  
AVVAGNSTTPRRCACTAGYHWSQDCECCRRNTECAPGLGAQHPLQLNKDVTCKPCLAGYFSDAFSSTDKCRPW  
TNCTFLGKRVEHHGTEKSDAVCSSLPARKPPNEPHVYLPLEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDT  
LMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSN  
KALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDG  
SFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGKHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1  $\mu$ g of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.