

## Product datasheet for **TP311253L**

### **TNFRSF4 (NM\_003327) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC211253 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MCVGARRLGRGPCAALLLLGLGLSTVTGLHCVGDTYPSNDRCCHECRPGNGMVSRCRSRQNTVCRPCGPG  
FYNDVSSKPKPCTWCNLRSGSERKQLCTATQDTVCRCRAGTQPLDSYKPGVDCAPCPGGHSPGDNQA  
CKPWTNCTLAGKHTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQGPSTRPVEVP  
GGRAVAAILGLGLVLGLLGPLAILLALYLLRRDQRLPPDAHKPPGGGFRTPIQEEQADAHSTLAKI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 26.6 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_003318](#)

**Locus ID:** 7293



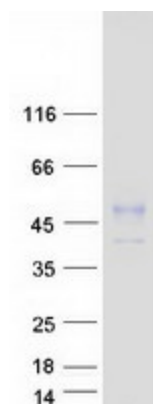
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UniProt ID: [P43489](#)  
RefSeq Size: 1120  
Cytogenetics: 1p36.33  
RefSeq ORF: 831  
Synonyms: ACT35; CD134; IMD16; OX40; TXGP1L

**Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation. [provided by RefSeq, Jul 2008]

**Protein Families:** Transmembrane  
**Protein Pathways:** Cytokine-cytokine receptor interaction

### Product images:



Coomassie blue staining of purified TNFRSF4 protein (Cat# [TP311253]). The protein was produced from HEK293T cells transfected with TNFRSF4 cDNA clone (Cat# [RC211253]) using MegaTran 2.0 (Cat# [TT210002]).