

## Product datasheet for **TP700284**

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

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of human tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), with C-terminal DDK/His tag, expressed in human cells, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence from TrueORF clone, RC211253, encoding the region (Leu29 – Ala214) of human TNFRSF4
<b>Tag:</b>	C-DDK/His
<b>Predicted MW:</b>	22 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	PBS, pH 7.4, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003318</a>
<b>Locus ID:</b>	7293
<b>UniProt ID:</b>	<a href="#">P43489</a>
<b>RefSeq Size:</b>	1120
<b>Cytogenetics:</b>	1p36.33
<b>RefSeq ORF:</b>	831
<b>Synonyms:</b>	ACT35; CD134; IMD16; OX40; TXGP1L



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**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:**