

## Recombinant Human TNFRSF4 Protein

Cat. No. TNFRSF4-680H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant human TNFRSF4 protein without tag was expressed in HEK293.

**Species** Human

**Source** HEK293

**ProteinLength** 277

**Description** 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.

**Form** Lyophilized

**Molecular Mass** 22 kDa

**AA Sequence** MCVGARRLGRGPCAALLLLGLGLSTVTGLHCVGDTYPSNDRCCHECRPGNGMVSR  
 CSRSQNTVCRPCGPGFYNDVVSSKCKPCTWCNLRSGSERKQLCTATQDTVCR  
 RAGTQPLDSYKPGVDCAPCPGHFSPGDNQACKPWTNCTLAGKHTLQPASNSSDA  
 ICEDRDPPATQPQETQGPPARPITVQPTAEWPRTSQQGPSTRPVEVPGGRAVAAILG  
 LGLVLGLLGPLAAILLALYLLRRDQRLPPDAHKPPGGGSFRTPIQEEQADAHSTLAKI

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF4 tumor necrosis factor receptor superfamily, member 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFRSF4
<b>Synonyms</b>	TNFRSF4; tumor necrosis factor receptor superfamily, member 4; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35; CD134; OX40; OX40 antigen; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 homologue; OX40L receptor; OX40 cell surface antigen; lymphoid activation antigene ACT35; TAX transcriptionally-activated glycoprotein 1 receptor; tax-transcriptionally activated

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glycoprotein 1 receptor;

**Gene ID** 7293

**mRNA Refseq** NM\_003327

**Protein Refseq** NP\_003318

**MIM** 600315

**UniProt ID** P43489

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