

## Product datasheet for PH311253

### TNFRSF4 (NM\_003327) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TNFRSF4 MS Standard C13 and N15-labeled recombinant protein (NP_003318)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211253
Predicted MW:	29.3 kDa
Protein Sequence:	>RC211253 protein sequence Red=Cloning site Green=Tags(s)  MCVGARRLGRGPCAALLLLGLGLSTVTGLHCVGDTYPSNDRCCHECRPGNGMVSRCRSRQNTVCRPCGPG FYNDVVSCKPCKPCTWCNLRSGSERKQLCTATQDTVCRCRAGTQPLDSYKPGVDCAPCPGHFSPGDNQA CKPWTNCTLAGKHTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQGPSTRPVEVP GGRAVAAILGLGLVLLGLLPLAILLALYLLRRDQRLPPDAHKKPPGGGSRFTPIQEEQADAHSTLAKI  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_003318</a>
RefSeq Size:	1120
RefSeq ORF:	831
Synonyms:	ACT35; CD134; IMD16; OX40; TXGP1L
Locus ID:	7293
UniProt ID:	<a href="#">P43489</a>



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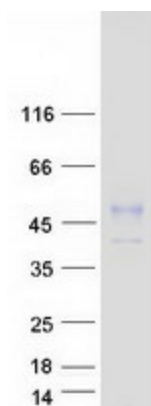
**Cytogenetics:** 1p36.33

**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]).