

## Product datasheet for **AR09179PU-L**

### TANK / ITRAF (Isoform "Short" ) (1-119) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	TANK / ITRAF (Isoform "Short" ) (1-119) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MDKNIGEQLN KAYEAFRQAC MDRDSAVKEL QQKTENYEQR IREQQEQLSL QQTIIDKLKS QLLLNVNSTQD NNYGCVPLLE DSETRKNNLT LDQPQDKVIS GIAREKLPKV DIASAESSI
Predicted MW:	13.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TANK protein was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	The sequence of this isoform differs from the canonical sequence as follows: 111-117 RRQEVSS --> DIASAES 118-425 Missing.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_004171</a>
Locus ID:	10010
UniProt ID:	<a href="#">Q92844</a>
Cytogenetics:	2q24.2
Synonyms:	I-TRAF; ITRAF; TRAF2



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**Summary:**

The TRAF (tumor necrosis factor receptor-associated factor) family of proteins associate with and transduce signals from members of the tumor necrosis factor receptor superfamily. The protein encoded by this gene is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, the protein encoded by this gene can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

RIG-I-like receptor signaling pathway

**Product images:**