

## Product datasheet for **AR51408PU-S**

### TGFBRAP1 / TRAP1 (601-860, His-tag) Human Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | TGFBRAP1 / TRAP1 (601-860, His-tag) human recombinant protein, 50 µg  |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSKRLQ KEEYHHTLAV LYLEEVLLQR ASASGKGAEA TETQAKLRL LQKSDLYRVH FLLERLQGAG LPMESAILHG KLGEHEKALH ILVHELQDFA AAEDYCLWCS EGRDPPHRQQ LFHTLLAIYL HAGPTAHELA VAAVDLLNRH ATEFDAAQVL QMLPDTWSVQ LLCPFLMGAM RDSIHARRTM QVALGLARSE NLIYTYDKMK LKGSSQLSD KKLCQICQNP FCEPVFVRYYP NGGLVHTHCA ASRHTNPSSS SPGTRT              |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 33 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >80% by SDS - PAGE  |
| Buffer:                               | Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays.<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol |
| Preparation:                          | Liquid purified protein   |
| Protein Description:                  | Recombinant human TGFBRAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.  |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.   |
| Stability:                            | Shelf life: one year from despatch.   |
| RefSeq:                               | <a href="#">NP_001136093</a>  |
| Locus ID:                             | 9392  |
| UniProt ID:                           | <a href="#">Q8WUH2</a>  |
| Cytogenetics:                         | 2q12.1-q12.2  |



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**Synonyms:** TGF-beta receptor-associated protein 1, TRAP-1

**Summary:** This gene encodes a protein that binds to transforming growth factor-beta (TGF-beta) receptors and plays a role in TGF-beta signaling. The encoded protein acts as a chaperone in signaling downstream of TGF-beta. It is involved in signal-dependent association with SMAD4. The protein is also a component of mammalian CORVET, a multisubunit tethering protein complex that is involved in fusion of early endosomes. [provided by RefSeq, Jun 2016]

**Protein Families:** Druggable Genome

**Product images:**

