

AR51408PU-N

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

Alternate names:	TGF-beta receptor-associated protein 1, TRAP-1, Transforming growth factor-beta receptor-associated protein 1
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	TGFBRAP1 plays a role in the TGF-beta/activin signaling pathway. It associates with inactive heteromeric TGF-beta and activin receptor complexes, mainly through the type II receptor, and is released upon activation of signaling. It may recruit SMAD4 to the vicinity of the receptor complex and facilitate its interaction with receptor-regulated Smads, such as SMAD2.
Uniprot ID:	Q8WUH2
NCBI:	NP_004248
GeneID:	9392
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Description:	Recombinant human TGFBRAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSKRLQ KEEYHTHLAV LYLEEVLLQR ASASGKGAEA TETQAKLRRRL LQKSDLYRVH FLLERLQGAG LPMESAILHG KLGEHEKALH ILVHELQDFA AAEDYCLWCS EGRDPPHRQQ LFHTLLAIYL HAGPTAHELA VAAVDLLNRH ATEFDAAQVL QMLPDTWSVQ LLCPLMGAM RDSIHARRTM QVALGLARSE NLIYTYDKMK LKGSSIQLSQ KKLQCICQNP FCEPVFVRYP NGGLVHTHCA ASRHTNPSSS SPGTRT Molecular weight: 33 kDa (269aa)
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. Shelf life: one year from despatch.
General Readings:	Felts SJ, Owen BA, et al. (2000). J Biol Chem. 275(5):3305-12. Simmons AD, Musy MM, et al. (1999). Hum Mol Genet. 8(12):2155-64.

Pictures:

