

## 32-5067: Recombinant Human Transforming Growth Factor Beta Receptor Associated Protein 1

**Alternative Name :** TRAP-1, TRAP1, Transforming growth factor-beta receptor-associated protein 1, TGF-beta receptor-associated protein 1.

### Description

Source : Escherichia Coli. TGFBRAP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 296 amino acids (601-860 a.a) and having a molecular mass of 33kDa. TGFBRAP1 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TGF-beta receptor-associated protein 1 also known as TGFBRAP1 takes part in the TGF-beta/activin signaling pathway. TGFBRAP1 is related with inactive heteromeric TGF-beta and activin receptor complexes, mainly through the type II receptor, and is released upon activation of signaling. TGFBRAP1 recruits SMAD4 to the vicinity of the receptor complex and smoothes the progress of its interaction with receptor-regulated Smads, such as SMAD2.

### Product Info

**Amount :** 10 µg  
**Purification :** "Greater than 80% as determined by SDS-PAGE."  
**Content :** TGFBRAP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.  
**Amino Acid :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSKRLQ KEEYHTHLAV LYEEVLLQR  
 ASASGKGAEA TETQAKLRL LQKSDLYRVH FLLERLQGAG LPMESAILHG KLGEHEKALH ILVHELQDFA  
 AAEDYCLWCS EGRDPPHRQQ LFHTLLAIYL HAGPTAHELA VAAVDLLNRH ATEFDAAQVL  
 QMLPDTWSVQ LLCPFLMGAM RDSIHARRTM QVALGLARSE NLIYTYDKMK LKGSSIQLSK KKLCQICQNP  
 FCEPVFVRYYP NGGLVHTHCA ASRHTNPSSS SPGTRT

