Recombinant Human TGFBRAP1, His-tagged

Cat. No. TGFBRAP1-5092H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGFBRAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	33 kDa (269aa)
AA Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSKRLQ KEEYHTHLAV LYLEEVLLQR ASASGKGAEA TETQAKLRRL LQKSDLYRVH FLLERLQGAG LPMESAILHG KLGEHEKALH ILVHELQDFA AAEDYCLWCS EGRDPPHRQQ LFHTLLAIYL HAGPTAHELA VAAVDLLNRH ATEFDAAQVL QMLPDTWSVQ LLCPFLMGAM RDSIHARRTM QVALGLARSE NLIYTYDKMK LKGSSIQLSD KKLCQICQNP FCEPVFVRYP NGGLVHTHCA ASRHTNPSSS SPGTRT
Purity	>80% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	TGFBRAP1 transforming growth factor, beta receptor associated protein 1 [Homo sapiens (human)]
Official Symbol	TGFBRAP1
Synonyms	TGFBRAP1;TRAP1; TRAP-1;transforming growth factor-beta receptor-associated protein 1;TGF-beta receptor-associated protein 1;TGF beta receptor associated protein -1
Gene ID	9392
mRNA Refseq	NM_001142621.1
Protein Refseq	NP_001136093.1
MIM	606237
UniProt ID	Q8WUH2
Chromosome Location	2q12.1

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Function	SMAD binding;protein binding;small GTPase regulator activity;transforming growth factor beta receptor binding

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