

TGFBRAP1, 601-860aa Human, His tag, E.coli

Cat.NO.: TP04192

3th Edition

Synonyms: Transforming growth factor, beta receptor associated protein 1, TRAP-1, TRAP1

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. Recombinant human TGFBRAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight: 33 kDa (269aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSKRLQKEEYHTHLAVLYLEEVLQQRASASGKGAETET
QAKLRLLQKSDLYRVHFLERLQGAGLPME SAILHGKLGEGHEKALHILVHELQDFAAAEDYCLWCSEGRDPPHRQ
QLFHTLLAIYLHAGPTAHELAVAAVDLLNRHATEFDAAQVLQMLPDTWSVQLLCPFLMGAMRDSIHARRTMQVALG
LARSENLIYTYDKMKLKGSSIQLSKDKLQCQNPFCEPVFVRYPNGGLVHTHCAASRHTNPSSSSPGTRT

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.