

BRAP Protein, Human

Cat. No.:	HY-P701535
Synonyms:	BRAP; BRCA1-associated protein; BRAP2; Impedes mitogenic signal propagation; IMP; RING finger protein 52; RING-type E3 ubiquitin transferase BRAP2; Renal carcinoma antigen NY-REN-63
Species:	Human
Source:	E. coli
Accession:	Q7Z569 (S2-K592)
Gene ID:	8315
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	BRAP protein functions as a negative regulator of MAP kinase activation, primarily by restricting the formation of Raf/MEK complexes, potentially through the inactivation of the KSR1 scaffold protein. Additionally, it operates as a Ras-responsive E3 ubiquitin ligase, which, upon Ras activation, undergoes auto-polyubiquitination, leading to the release of its inhibitory effect on Raf/MEK complex formation. Beyond its role in kinase signaling, BRAP may serve as a cytoplasmic retention protein, playing a part in the regulation of nuclear transport processes. This multifaceted functionality positions BRAP as a crucial player in modulating key cellular pathways and responses.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA