

Recombinant Human BRAP Protein (1-592 aa), His-tagged

Cat. No. BRAP-1687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRAP Protein (1-592 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-592 aa
Description	Negatively regulates MAP kinase activation by limiting the formation of Raf/MEK complexes probably by inactivation of the KSR1 scaffold protein. Also acts as a Ras responsive E3 ubiquitin ligase that, on activation of Ras, is modified by auto-polyubiquitination resulting in the release of inhibition of Raf/MEK complex formation. May also act as a Cytoplasmic domain retention protein with a role in regulating nuclear transport.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	69.3 kDa
AA Sequence	MSVSLVVIRLELAEHSPVPAGFGFSAAAGEMSDEEIKKTTLASAVACLEGKSPGEKV AIIHQHLGRREMTDVIETMKSNDPELKTVEERKSSEASPTAQRSKDHSKECINAAP DPSKQLPDQISFFSGNPSVEIVHGIMHLYKTNKMTSLKEDVRRSAMLCLTVPAAMT SHDLMKFVAPFNEVIEQMKIIRDSTPNQYMLIKFRAQADADSFYMTCNQRQFNSIE

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DDVCQLVYVERAEVLKSEDGASLPVMDLTELPKCTVCLERMDES VNGILTTLCNHSF
 HSQCLQRWDDTTCPVCRYCQTPEPVEENKCFECGVQENLWICLICGHIGCGRYVS
 RHAYKHFEETQHTYAMQLTNHRVWDYAGDNYVHRLVASKTDGKIVQYECEGDTQC
 EEKIDALQLEYSYLLTSQLESQRIYWENKIVRIEKDTAEEINNMTKFKETIEKCDNLE
 HKLNDLLKEKQSVERKCTQLNTKVAKLTELKEEQEMNKCLANQVLLQNKLKEEE
 RVLKETCDQKDLQITEIQEQLRDVMFYLETQQKINHLPATRQEIQEGQINIAMASAS
 SPASSGGSGKLPSRKGRSKRGK

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name BRAP BRCA1 associated protein [Homo sapiens]

Official Symbol BRAP

Synonyms BRAP; BRAP2; IMP; RNF52; RING finger protein 52;

Gene ID 8315

mRNA Refseq NM_006768

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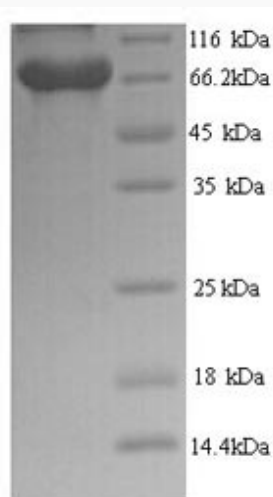
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Protein Refseq NP_006759

MIM 604986

UniProt ID Q7Z569



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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