

Recombinant Full Length Human BAP1 Protein, C-Flag-tagged

Cat. No. BAP1-1599HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BAP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene belongs to the ubiquitin C-terminal hydrolase subfamily of deubiquitinating enzymes that are involved in the removal of ubiquitin from proteins. The encoded enzyme binds to the breast cancer type 1 susceptibility protein (BRCA1) via the RING finger domain of the latter and acts as a tumor suppressor. In addition, the enzyme may be involved in regulation of transcription, regulation of cell cycle and growth, response to DNA damage and chromatin dynamics. Germline mutations in this gene may be associated with tumor predisposition syndrome (TPDS), which involves increased risk of cancers including malignant mesothelioma, uveal melanoma and cutaneous melanoma.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	80.2 kDa
AA Sequence	MNKGWLELESDPGLFTLLVEDFGVKG VQVEEIYDLQSKCQGPVYGFIFLFWIEERR SRRKVSTLVDDTS VIDDDIVNNMFFAHQLIPNSCATHALLSVLLNCSSVDLGPTLSR MKDFTKGFSPESKGYAIGNAPELAKA HNSHARPEPRHLPEKQNGLSAVRTMEAFH FVSYPITGRLFELDGLKVYPIDHGPWGEDEEWTDKARRVI MERIGLATAGEPYHDI

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RFNLMAVVPDRRIKYEARLHVLKVNQRQTVLEALQQLIRVTQPELIQTHKSQESQ LPE
 ESKSASNKSPLVLEANRAPAAASEGNHTDGAEEAAGSCAQAPSHSPNKPPLVVKPP
 GSSLNGVHPNP TPIVQRLPAFLDNHNYAKSPMQEEEDLAAGVGRSRVPVRPPQQY
 SDEDDYEDDEEDDVQNTNSALRYKG KGTGKPGALSGSADGQLSVLQPNNTINVLA
 EKLKESQKDLSIPLSIKTSSGAGSPAVAVPTHSQPSPTPSN ESTDTASEIGSAFNSPL
 RSPIRSANPTRPSSPVTSHISKVLFGEDDSLRLVDCIRYNRAVRDLGPVISTG LLHLA
 EDGVLSPALTEGGKGSSPSIRPIQGSQGSSSPVEKEVVEATDSREKTGMVRPGEP
 LSGEKYSPK ELLALLKCVEAEIANYEACLKEEVEKRKKFKIDDQRRTHNYDEFICTFIS
 MLAQEGMLANLVEQNISVRR
 RQGVSIGRLHKQRKPDRRKRSRPYKAKRQTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protease
Full Length	Full L.

GENE INFORMATION

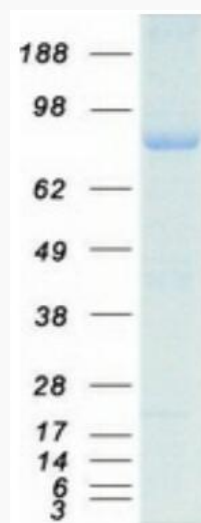
Gene Name [BAP1 BRCA1 associated protein 1 \[Homo sapiens \(human\) \]](#)

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Official Symbol	BAP1
Synonyms	UVM2; KURIS; TPDS1; UCHL2; hucep-6; HUCEP-13
Gene ID	8314
mRNA Refseq	NM_004656.4
Protein Refseq	NP_004647.1
MIM	603089
UniProt ID	Q92560



Coomassie blue staining of purified BAP1 protein.