

Product datasheet for TP300378L

BAP1 (NM_004656) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase) (BAP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200378 protein sequence Red=Cloning site Green=Tags(s)

MNKGWLELESDPGLFLLVEDFGVKGVQVEEYDLQSKCQGPVYGFIFLFWIEERRSRKRVSTLVDDTS
VIDDDIVNNMFFAHQLIPNSCATHALLSVLLNCSSVDLGP TLSRMKDFTKGFSPESKGYAIGNAPELAKA
HNSHARPEPRHLPEKQNGLSAVRTMEAFHFVSYVPITGRLELDGLKVYPIDHGPWGEDEEWDKARRVI
MERIGLATAGEPYHDIRFNLMAVVPDRRIKYEARLHV LKVN RQTVLEALQQLIRVTQPELIQTHKSQESQ
LPEESKSASNKSPVLLEANRAPAAASEGNHTDGAEEAAGSCAQAPSHSPPNPKLVKPPGSSLNGVHPNP
TPIVQRLPAFLDNHNYAKSPMQEEEDLAAGVGRSRVPVRPPQYSDDEDDYEDDEEDDVQNTNSALRYKG
KGTGKPGALSGSADGQLSVLQPN TINVLA EKLKESQKDL SIPLSIKTSSGAGSPAVAVP THSQPSPTPSN
ESTDTASEIGSAFNSPLRSPIRSANPTRPSSPVTSHISKVLFGEDDSLLRVDCIRYNRAVRDLGPVISTG
LLHLAEDGVLSPALTEGGKGSSPSIRPIQGSQSSSPVEKEVVEATDSREKTGMVRPGEPLSGEKYSPK
ELLALLKCVEAEIANYEACLKEEVEKRKKFKIDDQRRTHNYDEFICTFISMLAQEGMLANLVEQNISVRR
RQGVSIGRLHKQRKPDRRKRSPYKAKRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

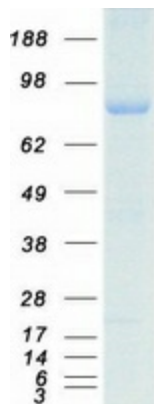
Tag:	C-Myc/DDK
Predicted MW:	80.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004647
Locus ID:	8314
UniProt ID:	Q92560 , A0A024R305
RefSeq Size:	3717
Cytogenetics:	3p21.1
RefSeq ORF:	2187
Synonyms:	hucep-6; HUCEP-13; UCHL2
Summary:	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. [provided by RefSeq, May 2013]
Protein Families:	Druggable Genome, Protease

Product images:



Coomassie blue staining of purified BAP1 protein (Cat# [TP300378]). The protein was produced from HEK293T cells transfected with BAP1 cDNA clone (Cat# [RC200378]) using MegaTran 2.0 (Cat# [TT210002]).