

## Product datasheet for **TP300378L**

### **BAP1 (NM\_004656) Human Recombinant Protein**

#### Product data:

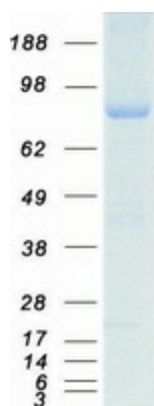
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase) (BAP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200378 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MNKGWLELESDPGLFTLLVEDFGVKGQVEEYDLQSKCQGPVYGFILFKWIEERRSRKVVSTLVDDTS  VIDDDIVNNMFFAHQLIPNSCATHALLSVLLNCSSVDLGPTLSRMKDFTKGFSPESKGYAIGNAPELAKA  HNSHARPEPRHLPEKQNGLSAVRTMEAFHFVSYPITGRLFELDGLKVYPIDHGPWGEDEEWDKARRVI  MERIGLATAGEPYHDIRFNLMAVVPDRRIKYEARLHVLKVNRTVLEALQQLIRVTQPELIQTHKSQESQ  LPEESKASANKSPLVLEANRAPAASEGNHTDGAEAAAGSCAQAPSHSPNPKLVVKPPGSSLNGVHPNP  TPIVQRLPAFLDNHNYAKSPMQEEDLAAGVGRSRVPVRPPQQYSDEDDYEDDEDDVQNTNSALRYK  G  KGTGKPGALSGSADGQLSVLQPNNTINVLAEKLKESQKDLISPLSIKTSSGAGSPAVAVPTHSQPSPTPSN  ESTDTASEIGSAFNSPLRSPIRSANPTRPSSPVTSHISKVLFGEDDSLLRVDCIRYNRAVRDLGPVISTG  LLHLAEDGVLSPALTEGGKGSSPSIRPIQGSQGSSSPVEKEVVEATDSREKTGMVRPGEPLSGEKYSPK  ELLALLKCVEAEIANYEACLKEEVEKRKKFKIDDQRRTNHNYDEFICTFISMLAQEGMLANLVEQNISVRR  RQGVSIGRLHKQRKPD RRKR SRPYKAKRQ</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004647</a>
<b>Locus ID:</b>	8314
<b>UniProt ID:</b>	<a href="#">Q92560</a>
<b>RefSeq Size:</b>	3717
<b>Cytogenetics:</b>	3p21.1
<b>RefSeq ORF:</b>	2187
<b>Synonyms:</b>	hucep-6; HUCEP-13; UCHL2
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).