

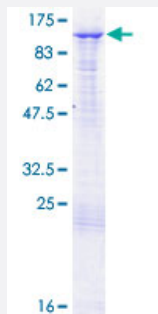
Full-Length

# BAP1 (Human) Recombinant Protein (P01)

Catalog # H00008314-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human BAP1 full-length ORF ( NP\_004647.1, 1 a.a. - 729 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MNKGWLELESDPGLFTLLVEDFGVKGQVEEIMDLQSKCQGPVYGFILFKWIEERRSRKRVSTL  
VDDTSVIDDDIVNNMFFAHQLIPNSCATHALLSVLLNCSSVDLGPTLSRMKDFTKGFSPEKGYAI  
GNAPELAKAHNSHARPEPRHLPEKQNGLSAVRTMEAFHFVSYPITGRLFELDGLKVYPIDHGPW  
GEDEEWTDKARRVIMERIGLATAGEPYHDIRFNLMAVVPDRRIKYEARLHVLKVNQRQTVLEALQQLI  
RVTQPELIQTHKSQESQLPEESKSASNKSPVLLEANRAPAASEGNTDGAEEAAGSCAQAPSHS  
PPNKPCLVVKPPGSSLNGVHPNPTPIVQRLPAFLDNHNYAKSPMQEEEDLAAGVGRSRVPVRPP  
QQYSDDEDDYEDDEEDDVQNTNSALRYKGKGTGKPGALSGSADGQLSVLQPNTINVLAEKLKES  
QKDLISPLSIKTSSGAGSPAVAVPTHSQPSPTPSNESTDTASEIGSAFNSPLRSPIRSANPTRPSS  
PVTSHISKVLFGEDDSLLRVDICIRYNRAVRDLGPVISTGLLHLAEDGVLSPALTEGGKGSSPSIRPI  
QGSQGSSSPVEKEVVEATDSREKTGMVRPGEPLSGEKYSPKELLALLKCVEAEIANYEACLKEE  
VEKRKKFKIDDQRRTHNYDEFICTFISMLAQEGMLANLVEQNISVRRRQGVSIGRLHKQRKPDRRK  
RSRPYKAKRQ

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

106.8

### Interspecies Antigen Sequence

Mouse (93); Rat (92)

### Preparation Method

[in vitro wheat germ expression system](#)

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Purification            | Glutathione Sepharose 4 Fast Flow                                        |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue.                              |
| Storage Buffer          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| Note                    | Best use within three months from the date of receipt of this protein.   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — BAP1

|                     |                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">8314</a>                                                                                                                                                                                                                                                                                                                                 |
| GeneBank Accession# | <a href="#">NM_004656.2</a>                                                                                                                                                                                                                                                                                                                          |
| Protein Accession#  | <a href="#">NP_004647.1</a>                                                                                                                                                                                                                                                                                                                          |
| Gene Name           | BAP1                                                                                                                                                                                                                                                                                                                                                 |
| Gene Alias          | DKFZp686N04275, FLJ35406, FLJ37180, HU CEP-13, KIAA0272, UCHL2, hucep-6                                                                                                                                                                                                                                                                              |
| Gene Description    | BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)                                                                                                                                                                                                                                                                                    |
| Omim ID             | <a href="#">603089</a>                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                            |
| Gene Summary        | The protein encoded by this gene localizes to the nucleus and it interacts with the RING finger domain of the breast cancer 1, early onset protein (BRCA1). This gene is thought to be a tumor suppressor gene that functions in the BRCA1 growth control pathway. There are multiple polyadenylation sites found in this gene. [provided by RefSeq] |
| Other Designations  | BRCA1 associated protein-1 cerebral protein-13 cerebral protein-6 ubiquitin carboxy-terminal hydrolase                                                                                                                                                                                                                                               |

## Publication Reference

- [Calpastatin participates in the regulation of cell migration in BAP1-deficient uveal melanoma cells.](#)

Yue H, Meng FX, Qian J, Xu BB, Li G, Wu JH.

International Journal of Ophthalmology 2019 Nov; 12(11):1680.

Application: Array, Func, Recombinant protein

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)