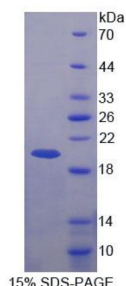


Human Lys-63-Specific Deubiquitinase BRCC36 (BRCC3) Protein

Catalogue No.: abx650811



SDS-PAGE analysis of Human BRCC3 Protein.

Human Lys-63-Specific Deubiquitinase BRCC36 (BRCC3) Protein is a recombinant Human protein produced in a Prokaryotic expression system (E. coli). This gene encodes a subunit of the BRCA1-BRCA2-containing complex (BRCC), which is an E3 ubiquitin ligase. This complex plays a role in the DNA damage response, where it is responsible for the stable accumulation of BRCA1 at DNA break sites. The component encoded by this gene can specifically cleave Lys 63-linked polyubiquitin chains, and it regulates the abundance of these polyubiquitin chains in chromatin. The loss of this gene results in abnormal angiogenesis and is associated with syndromic moyamoya, a cerebrovascular angiopathy. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 5.

Target: Lys-63-Specific Deubiquitinase BRCC36 (BRCC3)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 22 Oct 2025



UniProt Primary AC: P46736 ([UniProt](#), [ExPASy](#))

Gene Symbol: BRCC3

GeneID: [79184](#)

OMIM: [300617](#)

NCBI Accession: NP_001018065.1, NM_001018055.2, NP_001229569.1, NM_001242640.1, NP_077308.1, NM_024332.3

HGNC: 24185

KEGG: hsa:79184

Ensembl: ENSG00000185515

String: [9606.ENSP00000358474](#)

Molecular Weight: Calculated MW: 19.8 kDa

Sequence Fragment: Gln7-Gly148

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.