

## Product datasheet for **TP762043**

### BRCC45 (BRE) (NM\_199191) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human brain and reproductive organ-expressed (TNFRSF1A modulator) (BRE), transcript variant 3, Met1-Ala234, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Ala234) of BRE
Tag:	N-His
Predicted MW:	26.3 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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:	<a href="#">NP_954661</a>
Locus ID:	9577
UniProt ID:	<a href="#">Q9NXR7</a>
RefSeq Size:	1804
Cytogenetics:	2p23.2
RefSeq ORF:	1149
Synonyms:	BRCC4; BRCC45; BRE



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**Summary:**

This gene encodes an anti-apoptotic, death receptor-associated protein that interacts with tumor necrosis factor-receptor-1. The encoded protein acts as an adapter in several protein complexes, including the BRCA1-A complex and the BRISC complex. The BRCA1-A complex possesses ubiquitinase activity and targets sites of double strand DNA breaks, while the BRISC complex exhibits deubiquitinase activity and is involved in mitotic spindle assembly. This gene is upregulated in several types of cancer. [provided by RefSeq, Jun 2016]

**Protein Families:**

Druggable Genome

**Product images:**