

Recombinant Human BRat 1 Protein, MYC/DDK-tagged

Cat. No. BR1-2783H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRat 1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this ubiquitously expressed gene interacts with the tumor suppressing BRCA1 (breast cancer 1) protein and the ATM (ataxia telangiectasia mutated) protein. ATM is thought to be a master controller of cell cycle checkpoint signalling pathways that are required for cellular responses to DNA damage such as double-strand breaks that are induced by ionizing radiation and complexes with BRCA1 in the multi-protein complex BASC (BRAC1-associated genome surveillance complex). The protein encoded by this gene is thought to play a role in the DNA damage pathway regulated by BRCA1 and ATM.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	87.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	BRAT1 BRCA1-associated ATM activator 1 [Homo sapiens]
Official Symbol	BRAT1
Synonyms	BAAT1; C7orf27; RMFSL
Gene ID	221927
mRNA Refseq	NM_152743
Protein Refseq	NP_689956
MIM	614506
UniProt ID	Q6PJG6

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