

Recombinant Human BRCA2 Protein, His&GST-tagged

Cat. No. BRCA2-232H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRCA2 Protein(AAH09771.1) (Met1-Val314) was expressed in Insect Cells, with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-314 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 7.4.
Molecular Mass	The recombinant human BCCIP/GST chimera consists of 551 amino acids and has a calculated molecular mass of 64 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

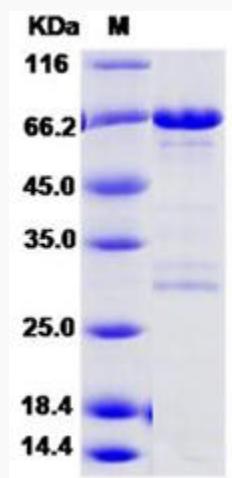
Gene Name	BRCA2 breast cancer 2, early onset [Homo sapiens]
Official Symbol	BRCA2
Synonyms	BRCA2; breast cancer 2, early onset; FACD, FANCD, FANCD1, Fanconi anemia, complementation group D1; breast cancer type 2 susceptibility protein; BRCA1/BRCA2 containing complex; subunit 2; BRCC2; FAD; FAD1; fanconi anemia group D1 protein; breast cancer 2 tumor suppressor; BRCA1/BRCA2-containing complex, subunit 2; breast cancer susceptibility protein BRCA2; breast and ovarian cancer susceptibility gene, early onset; FACD; GLM3; FANCB; FANCD; PNCA2; FANCD1; BROVCA2;
Gene ID	675
mRNA Refseq	NM_000059
Protein Refseq	NP_000050
MIM	600185
UniProt ID	P51587

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SDS-PAGE



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