

Recombinant Human BRCA1

Catalog Number:	PR26000-2	Product Type:	Recombinant protein
Source:	Human	Expressed in:	Baculovirus
Format:	2 µg of Recombinant BRCA1 protein and Dilution Buffer AM1 (20 mM Tris-Cl (pH 8), 20% glycerol, 100 mM KCl, 1 mM DTT and 0.2 mM EDTA). AM1 is provided for diluting the protein.		
Protein Details:	The wild-type BRCA1 protein (1-1863 residues, accession number NM 007296) was expressed in a baculovirus system with an amino terminal polyhistidine tag and purified by an affinity column in combination with FPLC chromatography. The purified recombinant protein is greater than 95% homogeneous and contains no detectable protease, DNase and RNase activity.		
Storage:	Lyophilized proteins can be stored at 4°C, preferably desiccated. Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. This product is guaranteed for 6 months from date of arrival. Avoid repeated freeze-thaw cycles.		

Application Notes

Recombinant BRCA1 is suitable for in vitro function studies including transcription and DNA repair, for protein-protein interaction assays and cell growth assays. 1 ng is sufficient for a gelshift assay in a 20 µl reaction volume; 50 ng is sufficient for reconstituted transcription assays and 100 ng is sufficient for protein-protein interaction studies. The molecular weight of the protein is ~205 kDa.

NOTE: The presence of Poly [d(I-C)] in buffers may affect protein functionality and should be avoided.

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