

BRMS1 Protein, Human Recombinant 12/20

CATALOG NO:	P1633-20 20 µg
ALTERNATE NAMES:	BRMS1 transcriptional repressor and anoikis regulator; DKFZp564A063; Breast Cancer Metastasis Suppressor 1; Breast cancer metastasis suppressor 1 isoform 1
MOL. WT:	29.9 kDa
ACCESSION NO:	NP_056214.1; Q9HCU9
PURITY:	≥ 80% by SDS-PAGE
SOURCE:	<i>E.coli</i>
TAG:	T 7-tag
AMINO ACID SEQUENCE:	The target protein is expressed with the sequence (261 aa) of human BRMS1 fused to T-7 tag.
FORM:	Liquid
FORMULATION:	In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4 M urea.

STORAGE CONDITIONS: Can be stored at +2 °C to +8 °C for 1 week. For long term storage, aliquot and store at -20 °C to -80 °C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: The breast cancer metastasis suppressor-1 (BRMS1) is a candidate metastasis-suppressing gene and has been shown to potentially inhibit tumor progression. BRMS1 transcriptional repressor and anoikis regulator protein reduces the metastatic potential, but not the tumorigenicity of human breast cancer and melanoma cell lines. The protein encoded by the BRMS1 gene localizes primarily to the nucleus and is a component of the mSin3a family of histone deacetylase complexes (HDAC). It promotes HDAC1 binding to promoter regions and apoptosis in cells that have inadequate adherence to a substrate, a process called anoikis, and may thereby inhibit metastasis. It also acts as a mediator of metastasis suppression in breast carcinoma. BRMS1 down-regulates expression of anti-apoptotic genes that are controlled by NF-kappa-B. Recombinant human RMS1 protein, fused to T7-tag at N-terminus was expressed in *E. coli*.

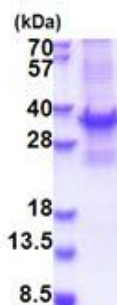


Fig A. 3 µg of BRMS1 protein was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain.

RELATED PRODUCTS:

Briciclib (Cat No : B1140)
 BRCA1 (Human) ELISA Kit (Cat No: K4239)
 Phospho-BRCA1 (Ser1457) Antibody (Cat No: A1719)

FOR RESEARCH USE ONLY! Not to be used on humans.