

Recombinant Human breast cancer metastasis suppressor 1, T7 tagged

Cat. No. BRMS1-405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BRMS1, 1-246aa, Human, T7 tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-246 a.a.
Description	BRMS1 reduces the metastatic potential, but not the tumorigenicity, of human breast cancer and melanoma cell lines. The protein encoded by this gene localizes primarily to the nucleus and is a component of the mSin3a family of histone deacetylase complexes (HDAC). The protein contains two coiled-coil motifs and several imperfect leucine zipper motifs. Alternative splicing results in two transcript variants encoding different isoforms. Recombinant human BRMS1 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	29.9 kDa (261aa)
AA Sequence	MASMTGGQQM GRGSHMPVQP PSKDTEEMEA EGDSAAEMNG EEEEESEERS GSQTESEES SEMDDEDYER RRSECVSEML DLEKQFSELK EKLFRRERLSQ LRLRLEEVGA ERAPEYTEPL GGLQRSLKIR IQVAGIYKGF CLDVIRNKYE CELQGAQQHL ESEKLLLYDT LQGELQERI Q RLEEDRQSLD LSSEWWDDKL

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HARGSSRSWD SLPPSKRKKA PLVSGPYIVY MLQEIDILED WTAIKKARAA
VSPQKRKSDG P

Purity >80% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [BRMS1 breast cancer metastasis suppressor 1 \[Homo sapiens \]](#)

Official Symbol BRMS1

Synonyms BRMS1; breast cancer metastasis suppressor 1; breast cancer metastasis-suppressor 1; DKFZP564A063; DKFZp564A063;

Gene ID [25855](#)

mRNA Refseq [NM_001024957](#)

Protein Refseq [NP_001020128](#)

MIM [606259](#)

UniProt ID [Q9HCU9](#)

Chromosome Location 11q13-q13.2

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Function	NF-kappaB binding; protein binding;
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