

Recombinant Human BRMS1, T7-tagged

Cat. No. BRMS1-5006H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BRMS1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	29.9 kDa (261aa)
AA Sequence	MASMTGGGQQM GRGSHMPVQP PSKDTEEMEA EGDSAAEMNG EEEEEEEERS GSQTESEEEES SEMDDEDYER RRSECVSEML DLEKQFSELK EKLFRERLSQ LRLRLEEVGA ERAPEYTEPL GGLQRSLKIR IQVAGIYKGF CLDVIRNKYE CELQGAQQHL ESEKLLLYDT LQGELQERIQ RLEEDRQSLD LSSEWWDDKL HARGSSRSWD SLPPSKRKKA PLVSGPYIVY MLQEIDILED WTAIKKARAA VSPQKRKSDG P

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Purity	>80% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. 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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