

**AR51322PU-S****Human BRMS1 (1-246, T7 tag) - Purified**

<b>Alternate names:</b>	Breast cancer metastasis-suppressor 1
<b>Quantity:</b>	20 µg
<b>Concentration:</b>	0.25 mg/ml (determined by Bradford assay)
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">Q9HCU9</a>
<b>NCBI:</b>	<a href="#">NP_056214.1</a>
<b>GeneID:</b>	<a href="#">25855</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >80% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
<b>Description:</b>	Recombinant human BRMS1 protein, fused to His-tag at N-terminus, was expressed in E.coli . <b>AA Sequence:</b> MASMTGGQQM GRGSHMPVQP PSKDTEEMEA EGDSAAEMNG EEEEEEEERS GSQTESEEEES SEMDDDYER RRSECVSEML DLEKQFSELK EKLFRERLSQ LRLRLEEVGA ERAPEYTEPL GGLQRSLKIR IQVAGIYKGF CLDVIRNKYE CELQGAKQHL ESEKLLLYDT LQGELQERIQ RLEEDRQSLD LSSEWDDKL HARGSSRSWD SLPPSKRKA PLVSGPYIVY MLQEIDILED WTAIKKARAA VSPQKRKSDG P <b>Molecular weight:</b> 29.9 kDa (261aa)
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Meehan W.J., et al. (2004) J. Biol. Chem. 279:1562-1569.

Pictures:

