

**BRMS1, 1-246aa, Human, T7 tag, E.coli**

**Cat.NO.: TP01369**

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3th Edition

**Synonyms:**Breast cancer metastasis suppressor 1, DKFZp564A063

**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 Weight:**29.9 kDa (261aa)

**Sequences:**

MASMTGGQQMGRGSHMPVQPPSKDTEEMEAEGDSAAEMNGEEEESEEERSGSQTESEEEESSEMDDDEDYERRR  
SECVSEMLDLEKQFSELKEKLFRERLSQLRLRLEEVGAEARPEYTEPLGGLQRSLKIRIQVAGIYKGFCLDVIRNKYE  
CELQGAKQHLESEKLLLYDTLQGELQERIQRLEEDRQSLDLSSSEWDDKLHARGSSRSWDSLPPSKRKKAPLVSG  
PYIVYMLQEIDILEDWTAIKKARAAVSPQKRKSDGP

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

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