

Recombinant human BRMS1 protein

Catalog Number: ATGP2502

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-246aa

UniProt No.

Q9HCU9

NCBI Accession No.

NP_056214.1

Alternative Names

Breast cancer metastasis suppressor 1 isoform 1, Breast cancer metastasis suppressor 1, DKFZp564A063

PRODUCT SPECIFICATION

Molecular Weight

29.9 kDa (261aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 80% by SDS-PAGE

Tag

T7-Tag

Application

SDS-PAGE, Denatured

Storage Condition

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

BACKGROUND

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 T7-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

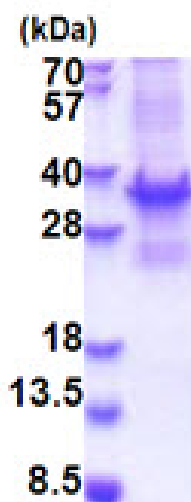
MASMTGGQQM GRGSHMPVQP PSKDTEEMEA EGDSAAEMNG EEEEEEEERS GSQTESEEEES SEMDDEDYER
RRSECVSEML DLEKQFSELK EKLFRERLSQ LRLRLEEVG A ERAPEYTEPL GGLQRSLKIR IQVAGIYKGF CLDVIRNKYE
CELQGAQH L ESEKLLLYDT LQGELQERIQ RLEEDRQSLD LSSEWDDKL HARGSSRSWD SLPPSKRKKA PLVSGPYIVY
MLQEIDILED WTAIKKARAA VSPQKRKSDG P

General References

Meehan W.J., et al. (2004) J. Biol. Chem. 279:1562-1569.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)