



Recombinant Human Breast Cancer Metastasis Suppressor 1 Protein Datasheet

Catalog Number: PR27265

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MASMTGGQQM GRGSHMPVQP PSKDTEEMEA EGDSAAEMNG EEEEEEEERS GSQTESEES SEMDDEDYER RRSECVSEML DLEKQFSELK EKLFRERLSQ LRLRLEEVGA ERAPEYTEPL GGLQRSLKIR IQVAGIYKGF CLDVIRNKYE CELQGAKQHL ESEKLLLYDT LQGELQERIQ RLEEDRQSL LSSEWWDDKL HARGSSRSWD SLPPSKRKA PLVSGPYIVY MLQEIDILED WTAIKKARAA VSPQKRKSDG P

Description/Molecular Mass: BRMS1 protein, a member of the mSin3a family of HDAC (histone deacetylase complexes), is mainly restricted to the nucleus. BRMS1 holds two coiled-coil motifs and a few imperfect leucine zipper motifs. BRMS1 reduces the metastatic potential, but not the tumorigenicity, of melanoma cell lines and human breast cancer. Alternative splicing creates two transcript variants encoding different isoforms.

Purity: BRMS1 Human Recombinant produced in *E.coli* is a single, non-glycosylated polypeptide chain containing 261 amino acids (1-246) and having a molecular mass of 29.9 kDa. BRMS1 is fused to a 15 amino acid T7-tag at N-terminus.
Greater than 80.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The BRMS1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Storage: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

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