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Product Data Sheet

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Cat # RP-904

Recombinant Human BP-1

**Size:** 2 ug

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BP-1 gene, a member of the DLX homeobox gene family, is overexpressed in 80% of breast cancer patients, and thus represents a potential new target for diagnosis and treatment. Members of the Dlx gene family contain a homeobox that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the developing fruit fly (*Drosophila*). The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. The DLX proteins are postulated to play a role in forebrain and craniofacial development.

**SOURCE:**

BP-1 Human Recombinant (aa 103-168) expressed in *E. coli*, shows a 35 kDa band on SDS-PAGE. BP-1 protein in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

**APPLICATION AND SUGGESTED DILUTIONS:**

ELISA, Inhibition Assays, Western Blotting. Users must optimize the appropriate concentration and conditions for each assay.

**STORAGE & STABILITY:**

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. If supplied in powder then reconstitute it in 100ul water for 1mg/mL stock and store in liquid at 4°C for ~ 1 week or aliquots in suitable size and store at -20°C for long term storage.

**USAGE:**

This item is for LABORATORY RESEARCH USE ONLY.

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