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BP-1 Human

Catalog #:PRPS-470

For research use only.

Description:BP-1 Human Recombinant (aa 103-168) expressed in E.coli, shows a 35 kDa band on SDS-PAGE.The BP-1 is purified by proprietary chromatographic techniques.

Synonyms: Homeobox protein DLX-4, DLX-7, DLX-8, Beta protein 1, BP1, DLX7, DLX8, DLX9, DLX4.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Formulation:

BP-1 protein in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

Stability:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

ELISA Inhibition Assays Western Blotting.

Introduction:

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. Three transcript variants have been described for this gene, however, the full length nature of one variant has not been described. Studies of the two splice variants revealed that one encoded isoform functions as a repressor of the beta-globin gene while the other isoform lacks that function.

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