

Recombinant Human BP1 (aa 103-168)

Catalog No.	CRB114A	Quantity:	2 µg
	CRB114B		5 µg
	CRB114C		10 µg

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

Description: 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.

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.

Concentration: 0.1 mg/ml

Gene ID: 1748

Source: *E. coli*

Molecular Weight: 35 kDa

Formulation: Sterile filtered liquid in 50 mM Tris-Acetate, pH 7.5 + 1 mM EDTA + 20% glycerol

Applications: Western Blot
ELISA
Inhibition Assays

The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.
Avoid repeated freeze-thaw cycles.

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