



TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

**YBC754Hu01 50µg**

**Recombinant Plectin (PLEC)**

**Organism Species: Homo sapiens (Human)**

*Instruction  
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May,  
2016)

## [ PROPERTIES ]

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Asp175~Pro400

**Tags:** N-terminal His-Tag

**Subcellular Location:** Cytoplasm, cytoskeleton.

**Purity:** >98%

**Traits:** Freeze-dried powder

**Buffer formulation:** 100mM NaHCO<sub>3</sub>, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Original Concentration:** 200ug/mL

**Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays;

Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)



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**Predicted isoelectric point:**

**6.8 Predicted Molecular Mass:**

30.1kDa

**Accurate Molecular Mass:** 32kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in 100mM NaHCO<sub>3</sub>, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### [ SEQUENCE ]

DERDRV QKKTFTKWN KHLIKAQRHI  
SDLYEDLRDG HNLISLLEVL SGDSLPREKG RMRFHKLQNV QIALDYLRHR  
QVKLVNIRND DIADGNPKLT LGLIWTIILH FQISDIQVSG QSEDMTAKK  
LLLWSQRMVE GYQGLRCDNF TSSWRDGRLF NAIHRHKPL LIDMNKVYRQ  
TNLENLDQAF SVAERDLGVT RLLDPEDVDV PQPDEKSIIT YVSSLYDAMP

[ IDENTIFICATION ]

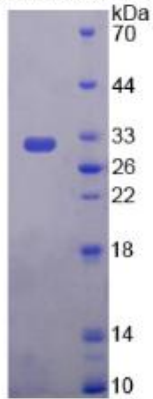


Figure 1. SDS-PAGE