

## Product datasheet for RC224507

### NBEAL2 (NM\_015175) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NBEAL2 (NM\_015175) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** NBEAL2  
**Synonyms:** BDPLT4; GPS  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC224507 representing NM\_015175  
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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**Protein Sequence:** >RC224507 representing NM\_015175  
 Red=Cloning site Green=Tags(s)

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**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8045\\_b10.zip](https://cdn.origene.com/chromatograms/mk8045_b10.zip)

**Restriction Sites:** SgfI-MluI



**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_015175.3](#)

**RefSeq Size:** 8843 bp

**RefSeq ORF:** 8265 bp

**Locus ID:** 23218

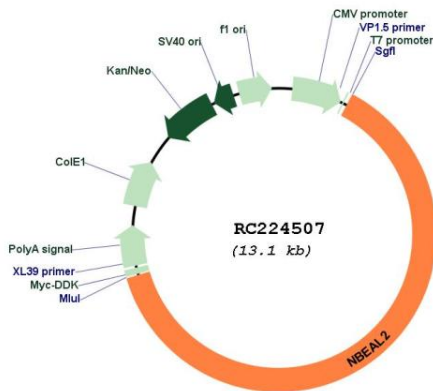
**UniProt ID:** [Q6ZNJ1](#)

**Cytogenetics:** 3p21.31

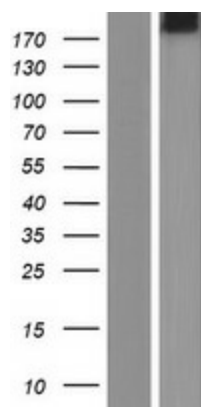
**MW:** 302.3 kDa

**Gene Summary:** The protein encoded by this gene contains a beige and Chediak-Higashi (BEACH) domain and multiple WD40 domains, and may play a role in megakaryocyte alpha-granule biogenesis. Mutations in this gene are a cause of gray platelet syndrome. [provided by RefSeq, Dec 2011]

### Product images:



Circular map for RC224507



Western blot validation of overexpression lysate (Cat# [LY414766]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC224507 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).