

## Product datasheet for **TP305024L**

### **RABL3 (NM\_173825) Human Recombinant Protein**

#### **Product data:**

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human RAB, member of RAS oncogene family-like 3 (RABL3), 1 mg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC205024 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | <br>MASLDRVKVLVLGDSGVGKSSLVHLLCQNQVLGNPSWTVGCSVDVRVHDYKEGTPEEKTCYIELWDVGGG<br>VGSASSVKSTRAVFYNSVNGIIFVHDLTNKKSSQNLRRWSLEALNRDLVPTGVLVTNGDYDQEQFADNQI<br>PLLVIGTKLDQIHETKRHEVLTTTAFLAEDFNPEEINLDCTNPRYLAAGSSNAVKLSRFFDKVIEKRYFL<br>REGNQIPGFPDRKRFAGATLKSLHYD<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 26.2 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <a href="#">NP_776186</a>  |
| Locus ID:                             | 285282   |
| UniProt ID:                           | <a href="#">Q5HYI8</a>   |



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RefSeq Size: 3883

Cytogenetics: 3q13.33

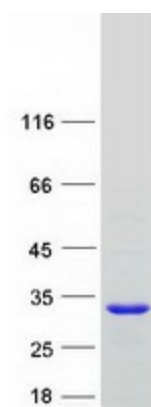
RefSeq ORF: 708

Synonyms: PNCA5

**Summary:** Required for KRAS signaling regulation and modulation of cell proliferation (PubMed:31406347). Regulator of KRAS prenylation, and probably prenylation of other small GTPases (PubMed:31406347). Required for lymphocyte development and function (By similarity). Not required for myeloid cell development (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified RABL3 protein (Cat# [TP305024]). The protein was produced from HEK293T cells transfected with RABL3 cDNA clone (Cat# [RC205024]) using MegaTran 2.0 (Cat# [TT210002]).