

## Product datasheet for **AR00162PU-N**

### RAP2B Human Protein

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Recombinant Proteins  |
| Description:         | RAP2B human recombinant protein, 25 µg  |
| Species:             | Human   |
| Concentration:       | lot specific  |
| Buffer:              | Presentation State: Purified<br>State: Liquid purified protein.<br>Buffer System: 50 mM Tris (pH 7.5) solution containing 150 mM NaCl, 10 mM MgCl <sub>2</sub> , 1 mM DTT and 10% Glycerol  |
| Preparation:         | Liquid purified protein.  |
| Applications:        | Suitable for use in <b>Western blot</b> and <b>Protein-Protein Binding</b> .<br>Rap2B protein is provided as a functional G-protein and can be used as a Western blot control for antibodies to Rap2B protein or in assays to study protein-protein interactions of Rap2B and related proteins with regulatory proteins.  |
| Protein Description: | Rap 2B Recombinant G-Protein, G protein   |
| Storage:             | Store the product (in aliquots) at -70°C.<br>Avoid repeated freezing and thawing.   |
| Stability:           | Shelf life: One year from despatch.   |
| RefSeq:              | <a href="#">NP_002877</a>   |
| Locus ID:            | 5912  |
| UniProt ID:          | <a href="#">P61225</a>  |
| Cytogenetics:        | 3q25.2  |
| Summary:             | This intronless gene belongs to a family of RAS-related genes. The proteins encoded by these genes share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between the RAP and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. Evidence suggests that this protein may be polyisoprenylated and palmitoylated. [provided by RefSeq, Jul 2008] |
| Protein Families:    | Druggable Genome  |



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