

Recombinant Protein Technical Manual Recombinant Human RAB31/Rab22B Protein (His Tag) RPES3727

## Product Data:

Product SKU: RPES3727

Species: Human

**Size:** 20µg

Expression host: E. coli

**Uniprot:** NP\_006859.2

| Protein  | Inform | ation |
|----------|--------|-------|
| FIOLEIII |        | auon. |

| Molecular Mass:    | 23.9 kDa                                                                                                                                                                                                                         |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AP Molecular Mass: | 26 kDa                                                                                                                                                                                                                           |
| Tag:               | N-His                                                                                                                                                                                                                            |
| Bio-activity:      |                                                                                                                                                                                                                                  |
| Purity:            | > 90 % as determined by reducing SDS-PAGE.                                                                                                                                                                                       |
| Endotoxin:         | Please contact us for more information.                                                                                                                                                                                          |
| Storage:           | Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.<br>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of<br>reconstituted samples are stable at < -20°C for 3 months. |
| Shipping:          | This product is provided as lyophilized powder which is shipped with ice packs.                                                                                                                                                  |
| Formulation:       | Lyophilized from sterile 50 mM Tris, pH 8.0                                                                                                                                                                                      |
| Reconstitution:    | Please refer to the printed manual for detailed information.                                                                                                                                                                     |
| Application:       |                                                                                                                                                                                                                                  |
| Synonyms:          | Rab22B                                                                                                                                                                                                                           |

Sequence: Met 1-Cys195

## Background:

Small GTP-binding proteins of the RAB family, such as RAB31, play essential roles in vesicle and granule targeting (Bao et al., 2002 [PubMed 11784320])