

## Recombinant Human PARD6B, His-tagged

Cat. No. PARD6B-1527H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human PARD6B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                             |
| Species          | Human                                                                                                                                                                 |
| Source           | E.coli                                                                                                                                                                |
| ProteinLength    | 1-372aa                                                                                                                                                               |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

### GENE INFORMATION

|                 |                                                                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | PARD6B par-6 partitioning defective 6 homolog beta (C. elegans) [ Homo sapiens ]                                                                                                              |
| Official Symbol | PARD6B                                                                                                                                                                                        |
| Synonyms        | PARD6B; par-6 partitioning defective 6 homolog beta (C. elegans); par 6 (partitioning defective 6, C.elegans) homolog beta; partitioning defective 6 homolog beta; PAR 6B; PAR-6 beta; PAR6B; |

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|                            |                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 84612                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>         | NM_032521                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>      | NP_115910                                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>                 | 608975                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>          | Q9BYG5                                                                                                                                                                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 20q13.13                                                                                                                                                                                                                                                                                                                                   |
| <b>Pathway</b>             | Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Tight junction, organism-specific biosystem; Tight junction, conserved biosystem; |
| <b>Function</b>            | protein binding;                                                                                                                                                                                                                                                                                                                           |

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