# Recombinant Human EXOC4 Protein, HIS-tagged

**Cat. No.** EXOC4-137H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Human EXOC4, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **Description** | The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. |
| **Form** | 25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl. |
| **Molecular Mass** | 53.7 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Concentration** | >50 ug/mL as determined by microplate BCA method |

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## GENE INFORMATION

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| **Gene Name** | EXOC4 exocyst complex component 4 [ Homo sapiens ] |
| **Official Symbol** | EXOC4 |
| **Synonyms** | EXOC4; exocyst complex component 4; SEC8 like 1 (S. cerevisiae) , SEC8L1; KIAA1699; MGC27170; REC8; SEC8; Sec8p; SEC8-like 1; exocyst complex component Sec8; SEC8L1; |
| **Gene ID** | 60412 |
| **mRNA Refseq** | NM_001037126 |
| **Protein Refseq** | NP_001032203 |
| **MIM** | 608185 |
| **UniProt ID** | Q96A65 |

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