

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | BACD1 |
| Synonyms | BACURD1, FKSG86, PDIP1, POLDIP1, hBACURD1 |
| Description | Human BACD1 full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | Q8WZ19 |
| Expression Host | HEK293 |
| Protein Families | Ion Channels: Other |
| Protein Pathways | N/A |
| Molecular Weight | The human full length BACD1 protein has a MW of 36.4kDa |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for synaptic transmission (PubMed:19782033). The BCR(KCTD13) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome (PubMed:19782033) Degradation of RHOA regulates the actin cytoskeleton and promotes synaptic transmission (By similarity).[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |

