

Product datasheet for **TP721819M**

RAI3 Human Recombinant Protein, Synthetic Nanodisc

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human RAI3 full length protein-Synthetic Nanodisc, 100µg |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | C-terminal Flag tagged overexpression cDNA clone |
| Tag: | C-term Flag Tag |
| Predicted MW: | The human full length RAI3 protein has a MW of 40.3kDa |
| Concentration: | Please refer to the Certificate of Analysis (COA) for the lot-specific concentration before lyophilization. |
| Purity: | The purity of the protein is determined by SDS-PAGE and Coomassie blue staining. |
| Buffer: | 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. Do not use solvents with pH lower than 6.5 in subsequent experiments. |
| Preparation: | Affinity purification |
| Storage: | Store at -20°C to -80°C for 12 months in lyophilized form. |
| Stability: | After reconstitution, if not intended for use within a month, aliquot and store at -80°C . Avoid repeated freezing and thawing. |
| Locus ID: | 9052 |
| UniProt ID: | Q8NFJ5 |
| Synonyms: | GPCR5A, PEIG-1, RAI3, RAIG1, TIG1 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Calcium signaling pathway, Huntington's disease, Parkinson's disease |



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