

PRODUCT INFORMATION

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| Tag | C-Flag&Strep Tag |
| Target | ADA1D |
| Synonyms | ADRA1, ADRA1A, ADRA1R, ALPHA1, DAR, dj779E11.2 |
| Description | Human ADA1D-Strep full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P25100 |
| Expression Host | HEK293 |
| Protein Families | GPCR,Transmembrane,Druggable Genome, |
| Protein Pathways | Calcium regulation in cardiac cells,GPCRDB Class A Rhodopsin-like,GPCRDB Other,Monoamine GPCRs,Cell Cycle, |
| Molecular Weight | The human full length ADA1D-Strep protein has a MW of 60.5 kDa 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. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| Formulation & Reconstitution | 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. |
| Storage & Shipping | |
| Background | Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1D-adrenergic receptor. Similar to alpha-1B-adrenergic receptor gene, this gene comprises 2 exons and a single intron that interrupts the coding region. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |

