

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | ADA1A |
| Synonyms | ADRA1C, ADRA1L1, ALPHA1AAR |
| Description | Human ADA1A full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P35348 |
| Expression Host | HEK293 |
| Protein Families | GPCR,Transmembrane,Druggable Genome, |
| Protein Pathways | Calcium regulation in cardiac cells,GPCRDB Class A Rhodopsin-like,Monoamine GPCRs,Apoptosis,Cancer,Cell Cycle, |
| Molecular Weight | The human full length ADA1A protein has a MW of 51.5kDa |
| 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 | 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-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |

