

PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| Tag                          | C-Flag&Strep Tag   |
| Target                       | EDNRA  |
| Synonyms                     | ET-A, ETA, ETA-R, ETAR, ETRA, MFDA, hET-AR   |
| Description                  | Human EDNRA-Strep full length protein-synthetic nanodisc   |
| Delivery                     | 6~8weeks   |
| Uniprot ID                   | P25101   |
| Expression Host              | HEK293   |
| Protein Families             | GPCR,Transmembrane,Druggable Genome,   |
| Protein Pathways             | GPCRDB Class A Rhodopsin-like,GPCRDB Other,Peptide GPCRs,Prostaglandin synthesis regulation,Angiogenesis,Cancer,Endothelial Cell Biology,  |
| Molecular Weight             | The human full length EDNRA-Strep protein has a MW of 48.7 kDa   |
| 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                   | This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009] |
| Usage                        | Research use only  |
| Conjugate                    | Unconjugated   |

