

PRODUCT INFORMATION

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| Tag | C-Flag&Strep Tag |
| Target | OX2R |
| Synonyms | ORXR2, OX2R, OXR2 |
| Description | Human OX2R-Strep full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | O43614 |
| Expression Host | HEK293 |
| Protein Families | Druggable Genome, |
| Protein Pathways | GPCRDB Class A Rhodopsin-like, Neurotrophin & Receptors, |
| Molecular Weight | The human full length OX2R-Strep protein has a MW of 50.7 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 |
| 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 | The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq, Jan 2009] |
| Usage | Research use only |
| Conjugate | Unconjugated |

