

PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	EDNRA
Synonyms	ET-A, ETA, ETA-R, ETAR, ETRA, MFDA, hET-AR
Description	Human EDNRA full length protein-synthetic nanodisc
Uniprot ID	P25101
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 protein has a MW of 48.7kDa
Delivery	6~8weeks
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
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
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

