

HDFP962

Product Information

Product SKU:	HDFP962	Expression Host:	HEK293	Size:	10µg
Target:	EDNRA	Tag:	C-Flag&Strep Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	P25101
Molecular Weight:	The human full length EDNRA-Strep protein has a MW of 48.7 kDa		

Protein Information

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]

Synonyms: ET-A, ETA, ETA-R, ETAR, ETRA, MFDA, hET-AR

Protein Description: Human EDNRA-Strep full length protein-synthetic nanodisc

Formulation: 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.

Protein Pathways: GPCRDB Class A Rhodopsin-like, GPCRDB Other, Peptide GPCRs, Prostaglandin synthesis regulation, Angiogenesis, Cancer, Endothelial Cell Biology.

Protein Families: GPCR, Transmembrane, Druggable Genome.

Usage: Research use only

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.

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