

PRODUCT INFORMATION

Tag	C-Flag Tag
Target	PI2R
Synonyms	IP, PRIPR
Description	Human PI2R full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P43119
Expression Host	HEK293
Protein Families	GPCR, Transmembrane, Druggable Genome, GPCRDB Class A Rhodopsin-like, Prostaglandin synthesis regulation, Small ligand GPCRs, Metabolic and Obesity,
Protein Pathways	
Molecular Weight	The human full length PI2R protein has a MW of 41kDa
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	The protein encoded by this gene is a member of the G-protein coupled receptor family 1 and has been shown to be a receptor for prostacyclin. Prostacyclin, the major product of cyclooxygenase in macrovascular endothelium, elicits a potent vasodilation and inhibition of platelet aggregation through binding to this receptor. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

