PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	PKR2
Synonyms	GPR73L1, GPR73b, GPRg2, HH3, KAL3, PKR2, dJ680N4.3
Description	Human PKR2-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q8NFJ6
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	GPCRDB Other,Angiogenesis,
Molecular Weight	The human full length PKR2-Strep protein has a MW of 44 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. 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.
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	Prokineticins are secreted proteins that can promote angiogenesis and induce strong gastrointestinal smooth muscle contraction. The protein encoded by this gene is an integral membrane protein and G protein-coupled receptor for prokineticins. The encoded protein is similar in sequence to GPR73, another G protein-coupled receptor for prokineticins. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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