

PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	GPRC5C
Synonyms	RAIG-3, RAIG3
Description	Human GPRC5C full length protein-synthetic nanodisc
Uniprot ID	Q9NQ84
Protein Families	GPCR, Transmembrane, Druggable Genome,
Protein Pathways	GPCRDB Class C Metabotropic glutamate pheromone,
Molecular Weight	The human full length GPRC5C protein has a MW of 48.2kDa
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	The protein encoded by this gene is a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The specific function of this protein is unknown; however, this protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

