

HDFP329

Product Information

Product SKU:	HDFP329	Expression Host:	HEK293	Size:	10µg
Target:	LPAR5	Tag:	C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	Q9H1C0
Molecular Weight:	The human full length LPAR5 protein has a MW of 41.3kDa		

Protein Information

Background:	This gene encodes a member of the rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described.[provided by RefSeq, Dec 2008]
Synonyms:	GPR92, GPR93, KPG_010, LPA5
Protein Description:	Human LPAR5 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.
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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