

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	LPAR3
Synonyms	EDG7, Edg-7, GPCR, HOFNH30, LP-A3, LPA3, RP4-67813
Description	Human LPAR3-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q9UBY5
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	G-Protein Coupled Receptors Signaling Pathway,
Molecular Weight	The human full length LPAR3-Strep protein has a MW of 40.1 kDa 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.
Formulation & Reconstitution	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.
Storage&Shipping	
Background	This gene encodes a member of the G protein-coupled receptor family, as well as the EDG family of proteins. This protein functions as a cellular receptor for lysophosphatidic acid and mediates lysophosphatidic acid-evoked calcium mobilization. This receptor couples predominantly to G(q/11) alpha proteins. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

