

Recombinant Human GPR132 Protein

Cat. No. GPR132-5181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR132 full-length ORF (NP_037477.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene encodes a subfamily member of the G-protein couple receptor (GPCR) superfamily. The encoded protein is a high-affinity receptor for lysophosphatidylcholine (LPC), a major phospholipid component of oxidized low density lipoprotein. This protein may react to LPC levels at sites of inflammation to limit the expansion of tissue-infiltrating cells. A similar protein in mouse is involved in cell cycle progression. [provided by RefSeq]
Form	Liquid
Molecular Mass	42.5 kDa
AA Sequence	MCPMLLKNGYNGNATPVT TTTAPWASLGLSAKTCNNVSFEESRIVLVVYSAVCTLG VPANCLTAWLALLQVLQGNVLAVYLLCLALCELLYTGTLP LWWIYIRNQHRWTLGLLA CKVTAYIFFCNIYVSILFLCCISCDRFVAVVYALESRGRRRRRTAILISACIFILVGIVHYP VFQTEDKETCFDMLQMDSRIAGYYARFTVGFAIPLSIIAFTNHRIFRSIKQSMGLSAA QKAKVKHSAIAVVVIFLVCFAPYHLVLLVKAAAFSYYRGDRNAMCGLEERLYTASVVF LCLSTVNGVADPIIYVLATDHSRQEVSRHKGWKEWSMKTDVTRLTHSRDTEELQSP VALADHYTF SRPVHPPGSPCPAKRLIEESC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	GPR132 G protein-coupled receptor 132 [Homo sapiens]
Official Symbol	GPR132
Synonyms	GPR132; G protein-coupled receptor 132; probable G-protein coupled receptor 132; G2 accumulation; G2A; G2 accumulation protein; G protein-coupled receptor G2A; MGC99642;
Gene ID	29933
mRNA Refseq	NM_013345
Protein Refseq	NP_037477
MIM	606167

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UniProt ID

Q9UNW8

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