

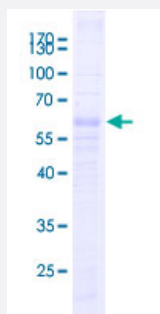
Full-Length

GPR132 (Human) Recombinant Protein (P01)

Catalog # H00029933-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human GPR132 full-length ORF (NP_037477.1, 1 a.a. - 380 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MCPMLLKNGYNGNATPVTTTAPWASLGLSAKTCNNVSFEESRMLVVVYSVAVCTLGVPANCLTA
WLALLQVLQGNVLAVYLLCLALCELLYTGTLPWVMYRNQHRWTLGLLACKVTAYIFFCNMYVSILFL
CCISCDRFVAVVYALESRGRRRRRTAILISACIFILVGMHYPVFQTEDKETCFDMLQMDSRIAGYYY
ARFTVGFAIPLSIIAFTNHRIFRSIKQSMGLSAAQKAKVKHSAIAVVVIFLVCFAPYHLVLLVKAASF
YYRGDRNAMCGLEERLYTASVVFLCLSTVNGVADPIIVLATDHSRQEVSRHKGWKEWSMKTDV
TRLTHSRDTEELQSPVALADHYTFSRPVHPPGSPCPAKRLIEESC

Theoretical MW (kDa)

68.9

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GPR132

Entrez GeneID	29933
GeneBank Accession#	NM_013345.2
Protein Accession#	NP_037477.1
Gene Name	GPR132
Gene Alias	G2A, MGC99642
Gene Description	G protein-coupled receptor 132
Omim ID	606167
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	G protein-coupled receptor G2A G2 accumulation protein OTTHUMP00000178739

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)