

Recombinant Full Length Human GPR45 Protein

Cat. No. GPR45-5590HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Human GPR45 full-length ORF (NP_009158.3) recombinant protein without tag.

Species Human

Source In Vitro Cell Free System

ProteinLength 613 amino acids

Description This intronless gene encodes a member of the G protein-coupled receptor (GPCR) family. Members of this protein family contain seven putative transmembrane domains and may mediate signaling processes to the interior of the cell via activation of heterotrimeric G proteins. This protein may function in the central nervous system. [provided by RefSeq]

Form Liquid

Molecular Mass 42 kDa

AA Sequence MACNSTSLEAYTYLLLNTSNASDSGSTQLPAPLRISLAIVMLLMTVVGFLGNTVVCIIV
 YQRPAMRSAINLLLATLAFSDIMLSLCCMPFTAVTLITVRWHFGDHFCLRSATLYWFF
 VLEGVAILLIISVDRFLIIVQRQDKLNPRRAKVIIAVSWVLSFCIAGPSLTGWTLVEVPA
 RAPQCVLGYTELPADRAYVVTLVVAVFFAPFGVMLCAYMCILNTRKNAVRVHNQS
 DSLDLRQLTRAGLRRLQRQQQVVDLSFKTKAFTTILILFVGFSLCWLPHSVYSLLSV
 FSQRFYCGSSFYATSTCVLWLSYLKSVFNPIVYCWRIKKFREACIELLPQTFQILPKV
 PERIRRRIQPSTVYVCNENQSAV

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Applications	Antibody Production Functional Study Compound Screening
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	GPR45 G protein-coupled receptor 45 [Homo sapiens]
Official Symbol	GPR45
Synonyms	GPR45; G protein-coupled receptor 45; probable G-protein coupled receptor 45; PSP24; PSP24A; PSP24-1; PSP24-alpha; high-affinity lysophosphatidic acid receptor; PSP24(ALPHA);
Gene ID	11250
mRNA Refseq	NM_007227
Protein Refseq	NP_009158
MIM	604838
UniProt ID	Q9Y5Y3

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