

Recombinant Human GPR45 Protein

Cat. No. GPR45-5247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR45 full-length ORF (NP_009158.3) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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 DSLDRQLTRAGLRRLQRQQQVSDLSFKTKAFTTILILFVGFSLCWLPHSVYSLLSV FSQRFYCGSSFYATSTCVLWLSYLKSVFNPIVYCWRIKKFREACIELLPQTFQILPKV PERIRRRIQPSTVYVCNENQSAV
Applications	Antibody Production

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	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	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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