

Proteoliposomes

Full-Length

GPR56 (Human) Recombinant Protein

Catalog # H00009289-G01

Size 10 ug

Specification

Product Description

Human GPR56 full-length ORF (AAH08770.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MTPQSLLQTTLFLLSLLFLVQGAHGRGHREDFRFCSSQRNQTHRSSLHYKPTPDLRISIENSEEALT
VHAPFPAAHPASRSFPDPRGLYHFCLYWNRHAGRLHLLYGKRDFLSDKASSLLCFQHQEESLA
QGPPLLATSVTSWWSPQNISLPSAASF TFSFHSPHTAAHNASVDMCELKRDQLLSQFLKHPQ
KASRRPSAAPASQQQLQSLESKLTSVRFMGDMVSFEEDRINATVWKLQPTAGLQDLHIHSRQEEE
QSEIMEYSVLLPRTL FQRTKGRSGEAEKRLLL VDFSSQALFQDKNSSHVLGEKVLGMVQNTKVA
NLTEPVVLT FQHQ LQPKNVTLCVFWVEDPTLSSPGHWSSAGCETVRRETQTSCFCNHLTYFAV
LMVSSVEVDAVHKHYLSLLSYVGCVV SALACLVTIAAYLC SRVPLPCRKRPRDYTIKVHNNLLAV
FLDTSFLLSEPVALTGSEAGCRASAI FLHFSLLTCLSWMGLEGYNLYRLVVEVFGTYVPGYLLKL
SAMGWGFPIFLVTLVALVDVDNYGP IILAVHRTPEGVIYPSMCWIRDSLVS YITNLGLFSLVFLFNMA
MLATMVVQILRLRPHTQKWSHVL TLLGLSLVLGLPWALIFFSFASGTFQLVVLYLFSIITSFQGFLIFI
WYWSMRLQARGGPSPLKSNSDSARLPISSGSTSSSRI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.7

Interspecies Antigen Sequence

Mouse (78); Rat (78)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

Gene Info — GPR56

Entrez GeneID	9289
GeneBank Accession#	BC008770.2
Protein Accession#	AAH08770.1
Gene Name	GPR56
Gene Alias	BFPP, DKFZp781L1398, TM7LN4, TM7XN1
Gene Description	G protein-coupled receptor 56
Omim ID	604110 606854
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the G protein-coupled receptor family. The protein contains 7 transmembrane domains and a mucin-like domain in the N-terminal region. The gene is implicated in the regulation of brain cortical patterning. The protein binds specifically to transglutaminase 2 in the extracellular space. Expression of this gene is downregulated in melanoma cell lines, and over expression of this gene can suppress tumor growth and metastasis. Mutations in this gene result in bilateral frontoparietal polymicrogyria. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	EGF-TM7-like seven transmembrane helix receptor

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)