

Proteoliposomes

Full-Length

PTH2R (Human) Recombinant Protein

Catalog # H00005746-G01

Size 10 ug

Specification

Product Description

Human PTH2R full-length ORF (ADR82689.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAGLGASLHVWGWMLGSCLLARAQLDSDGTTIEEQMLVLKAKVQCELNITAQLQELEGNCFP
EWDGLICWPRGTVGKISAVPCPPYYDFNHKGVAFRHCNPNGTWDFMHSLNKTWANYSDCLRFL
QPDISIGKQEFFERLYVMYTVGYSISFGSLAVAILIIGYFRRLHCTRNYHMHFLVFSFMLRATSIFVKDR
VVHAHIGVKELESIMQDDPQNSIEATSVDKSQYIGCKIAVVMFYFLATNYYWILVEGLYLHNLIFVAF
FSDTKYLWGFILIGWGFPAAFVAAWAVARATLADARCWELSAGDIKWYQAPILAAIGLNFILFLNTV
RVLATKIWETNAVGHDTRKQYRKLAKSTLVVLVFGVHYVVFVCLPHSFTGLGWEIRMHCELFENS
FQGFFVSIYCYCNGEVQAEVKKMWSRWNLSVDWKRTPPCGSRRCGSVLTTVTHSTSSQSQVA
ASTRMVLISGKAAKIASRQPDSHITLPGYVWSNSEQDCLPHSFHEETKEDSGRQGDDILMEKPSR
PMESNPDTEGCQGETEDVL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.5

Interspecies Antigen Sequence

Mouse (83); Rat (81)

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 — PTH2R

Entrez GeneID [5746](#)

GeneBank Accession# [HQ257935.1](#)

Protein Accession# [ADR82689.1](#)

Gene Name PTH2R

Gene Alias PTHR2

Gene Description parathyroid hormone 2 receptor

Omim ID [601469](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the G-protein coupled receptor family 2. This protein is a receptor for parathyroid hormone (PTH). This receptor is more selective in ligand recognition and has a more specific tissue distribution compared to parathyroid hormone receptor 1 (PTH1R). It is activated only by PTH and not by parathyroid hormone-like hormone (PTHrP) and is particularly abundant in brain and pancreas. [provided by RefSeq]

Other Designations PTH2 receptor|parathyroid hormone receptor 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Fractures](#)
- [Osteoporosis](#)