

Full-Length

GPR114 (Human) Recombinant Protein (P02)

Catalog # H00221188-P02

Size 25 ug, 10 ug

Applications

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Specification

Product Description

Human GPR114 full-length ORF (NP_722579.1, 1 a.a. - 528 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDHCGALFLCLCLLTLQNATTETWEELLSYMENMQVSRGRSSVFSSRQLHQLEQMLLNTSFPGY
NLTLQTPTIQSLAFKLSCDFSGLSLTSATLKRVPAAGGQHARGQHMQFPAELTRDACKTRPREL
RLICYFSNTHFFKDENNSSLNNYVLGAQLSHGHVNNLRDPVNISFWHNQSLEGYTLTCVFWKEG
ARKQPWGGWSPEGCRTEQPSHSQVLCRCNHLTYFAVLMQLSPALVPAELLAPLTYISLVGCSISI
VASLITVLLHFHFRKQSDSLTRIHMLHASVLLLNIAFLLSPAFAMSPVPGSACTALAAALHYALLS
CLTWMAIEGFNLYLLLGRVYNYRRYVFKLGVLGWGAPALLVLLSLSVKSSVYGPCITPVFDSWEN
GTGFQNMCSICWVRSPVVHSLVMGYGGLTSLFNLVVLAWALWTLRRLRERADAPSVRACHDTVT
VLGLTVLLGTTWALAFFSFGVLLPQLFLFTILNSLYGFFFLWFCSQRCRSEAEAKAQIEAFSSSQ
TTQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.4

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 — GPR114

Entrez GeneID[221188](#)**GeneBank Accession#**[NM_153837.1](#)**Protein Accession#**[NP_722579.1](#)**Gene Name**

GPR114

Gene Alias

PGR27

Gene Description

G protein-coupled receptor 114

Gene Ontology[Hyperlink](#)**Other Designations**

G protein-coupled receptor PGR27|G-protein coupled receptor 114

Disease

- [Vitamin D Deficiency](#)