

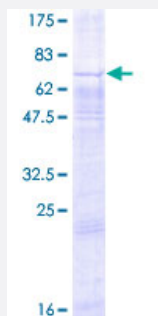
Full-Length

GPR34 (Human) Recombinant Protein (P01)

Catalog # H00002857-P01

Size 2 ug

Applications



Specification

Product Description

Human GPR34 full-length ORF (NP_005291.1, 1 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRSHTITMTTTSVSSWPYSSHRMRFITNHSQPPQNFSATPNVTTCPMDEKLLSTVLTTSSVIFV
GLVGNIIALYVFLGIHRKRNSIQYLLNVAIADLLIFCLPFRIMYHINQNKWTLGVILCKVVGTLYMNM
ISILLGFISLDRIKINRSIQQRKAITTKQSIYCCVWMLALGGFLTMILLTKKGGHNSTMCFHRYDKH
NAKGAEAFNFILVVMFWLIFLLIILSYIKIGKNLLRISKRRSKFPNSGKYATTARNFVLIIFTICFVPYHAF
RFMYSSQLNVSSCYWKEIVHKTNEIMLVLSFNSCLDPVMYFLMSSNIRKIMCQLLFRRFQGEPSR
SESTSEFKPGYSLHDTSAVVKIQSSSKST

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.3

Interspecies Antigen Sequence

Mouse (91); Rat (91)

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 — GPR34

Entrez GeneID[2857](#)**GeneBank Accession#**[NM_005300.2](#)**Protein Accession#**[NP_005291.1](#)**Gene Name**

GPR34

Gene Alias

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Gene Description

G protein-coupled receptor 34

Omim ID[300241](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

G protein-coupled receptors (GPCRs), such as GPR34, are integral membrane proteins containing 7 putative transmembrane domains (TMs). These proteins mediate signals to the interior of the cell via activation of heterotrimeric G proteins that in turn activate various effector proteins, ultimately resulting in a physiologic response.[supplied by OMIM]

Other Designations

OTTHUMP00000023148|OTTHUMP00000023149