

# Recombinant Full Length Human GPR34 Protein, GST-tagged

**Cat. No.** GPR34-5551HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GPR34 full-length ORF ( NP_005291.1, 1 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	381 amino acids
<b>Description</b>	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
<b>Molecular Mass</b>	70.3 kDa
<b>AA Sequence</b>	MRSHTITMTTTSVSSWPYSSHRMRFITNHSDQPPQNFSATPNVTTCPMDEKLLSTV LTTSYSVIFIVGLVGNIIALYVFLGIHRKRNSIQIYLLNVAIADLLLIFCLPFRIMYHINQNK WTLGVILCKVVGTLFYMNMYISIILLGFISLDRIYIKINRSIQQRKAITTKQSIYVCCIVWM LALGGFLTMIILTLKKGHNSTMCFHYRDKHNAKGEAIFNFILVVMFWLIFLLIILSYIKI GKNLLRISKRRSKFPNSGKYATTARNFSIVLIIFTICFVPYHAFRFIYISSQLNVSSCYW KEIVHKTNEIMLVLSSFNCLDPVMYFLMSSNIRKIMCQLLFRRFQGEPSRSESTSEF KPGYSLHDTSVAVKIQSSSKST

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GPR34 G protein-coupled receptor 34 [ Homo sapiens ]
<b>Official Symbol</b>	GPR34
<b>Synonyms</b>	GPR34; G protein-coupled receptor 34; probable G-protein coupled receptor 34;
<b>Gene ID</b>	2857
<b>mRNA Refseq</b>	NM_001097579
<b>Protein Refseq</b>	NP_001091048
<b>MIM</b>	300241
<b>UniProt ID</b>	Q9UPC5

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