

# Recombinant Full Length Human GPR142 Protein, GST-tagged

**Cat. No.** GPR142-5637HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GPR142 full-length ORF ( AAI52988.1, 1 a.a. - 462 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	462 amino acids
<b>Description</b>	GPR142 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM
<b>Molecular Mass</b>	77.77 kDa
<b>AA Sequence</b>	MSIMMLPMEQKIQWVPTSLQDITAVLGTEAYTEEDKSMVSHAQKSQHSCLSHSRWL RSPQVTGGSWDLRIRPSKDSSSFRQAQCLRKDPGANNHLESQGVRGTAGDADREL RGPSEKATAGQPRVTLTPHVSGLSQEFESHWPEIAERSPCVAGVIPVIYYSVLLGL GLPVSLLTAVALARLATRTRRPSYYYLLALTASDIIIQVVIVFAGFLLQGAVLARQVPQA VVRTANILEFANHASVWIAILLTVDRYTALCHPLHHRAASSPGRTRRAIAAVLSAALL TGIPFYWWLDMWRDTPRDLDEVLKWAHCLTVYFIPCGVFLVTNSAIIHRLRRRGR SGLQPRVGKSTAILLGITTLFTLLWAPRVFVMLYHMYVAPVHRDWRVHLALDVANMV AMLHTAANFGLYCFVSKTFRATVRQVIHDAYLPCTLASQPEGMAAKPVMPEPPGLPT GAEV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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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>	<a href="#">GPR142 G protein-coupled receptor 142 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">GPR142</a>
<b>Synonyms</b>	GPR142; G protein-coupled receptor 142; probable G-protein coupled receptor 142; PGR2; G-protein coupled receptor PGR2;
<b>Gene ID</b>	<a href="#">350383</a>
<b>mRNA Refseq</b>	<a href="#">NM_181790</a>
<b>Protein Refseq</b>	<a href="#">NP_861455</a>
<b>MIM</b>	<a href="#">609046</a>
<b>UniProt ID</b>	<a href="#">Q7Z601</a>

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