

Recombinant Full Length Human GPR37 Protein, GST-tagged

Cat. No. GPR37-5555HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR37 full-length ORF (NP_005293.1, 1 a.a. - 613 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	613 amino acids
Description	This gene is a member of the G protein-coupled receptor family. The encoded protein contains seven transmembrane domains and is found in cell and endoplasmic reticulum membranes. G protein-coupled receptors are involved in translating outside signals into G protein mediated intracellular effects. This gene product interacts with Parkin and is involved in juvenile Parkinson disease. [provided by RefSeq, Oct 2012]
Molecular Mass	93.5 kDa
AA Sequence	MRAPGALLARMSRLLLLLLLLKVSASSALGVAPASRNETCLGESCAPTVIQRRGRDA WGPGNSARDVLRARAPREEQGAAFLAGPSWDLPAAPGRDPAAGRGAEASAAGPP GPPTRPPGPWRWKARGQEPSETLGRGNPTALQLFLQISEEEEEKGPRGAGISGRS QEQSVKTVPGASDLFYWPRRAGKLQGSHHKPLSKTANGLAGHEGWIALPGRALA QNGSLGEGIHPPGPRRGNSTNRRVRLKNPFYPLTQESYGAYAVMCLSVVIFGTGII GNLAVMCIVCHNYYMRSISNSLLANLAFWDFLIFFCLPLVIFHELTKKWLLEDFSCKIV PYIEVASLGVTTFTLCALCIDRFRAATNVQMYEMIENTSSTAKLAVIWWGALLLALP EVVLRQLSKEDLGFSGRAPAERCIKISPDLPTIYVLALTYDSARLWWYFGCYFCLP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TLFTITCSLV TARKIRKA E KACTRG NKRQIQLESQM NCTVVALTILYGFCIIPENICNIVT
 AYMATGVSQQTMDLLNIISQFLLFFKSCVTPVLLFCLCKPFSRAFMECCCCCCEECIQ
 KSSTVTSDDNDNEYTTELELSPFSTIRREMSTFASVGTHC

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

GPR37 G protein-coupled receptor 37 (endothelin receptor type B-like) [Homo sapiens]

Official Symbol

GPR37

Synonyms

GPR37; G protein-coupled receptor 37 (endothelin receptor type B-like); probable G-protein coupled receptor 37; EDNRBL; hET(B)R LP; PAELR; ETBR-LP-1; endothelin B receptor-like protein 1; Parkin-associated endothelin receptor-like receptor; hET(B)R-LP;

Gene ID

2861

mRNA Refseq

NM_005302

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Protein Refseq	NP_005293
MIM	602583
UniProt ID	O15354

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