Recombinant Full Length Human GPR37 Protein

Cat. No. GPR37-5552HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR37 full-length ORF (NP_005293.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	349 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]
Form	Liquid
Molecular Mass	67.1 kDa
AA Sequence	MRAPGALLARMSRLLLLLLLKVSASSALGVAPASRNETCLGESCAPTVIQRRGRDA WGPGNSARDVLRARAPREEQGAAFLAGPSWDLPAAPGRDPAAGRGAEASAAGPP GPPTRPPGPWRWKGARGQEPSETLGRGNPTALQLFLQISEEEEKGPRGAGISGRS QEQSVKTVPGASDLFYWPRRAGKLQGSHHKPLSKTANGLAGHEGWTIALPGRALA QNGSLGEGIHEPGGPRRGNSTNRRVRLKNPFYPLTQESYGAYAVMCLSVVIFGTGII GNLAVMCIVCHNYYMRSISNSLLANLAFWDFLIIFFCLPLVIFHELTKKWLLEDFSCKIV PYIEVASLGVTTFTLCALCIDRFRAATNVQMYYEMIENCSSTTAKLAVIWVGALLLALP

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	EVVLRQLSKEDLGFSGRAPAERCIIKISPDLPDTIYVLALTYDSARLWWYFGCYFCLP TLFTITCSLVTARKIRKAEKACTRGNKRQIQLESQMNCTVVALTILYGFCIIPENICNIVT AYMATGVSQQTMDLLNIISQFLLFFKSCVTPVLLFCLCKPFSRAFMECCCCCCEECIQ KSSTVTSDDNDNEYTTELELSPFSTIRREMSTFASVGTHC
Applications	Antibody Production Functional Study Compound Screening
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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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