

Recombinant Human GPR37 Protein, His-tagged

Cat. No. GPR37-542H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human GPR37 (NP_005293.1) the first extracellular domain (Met 1-Met 265) was fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
Protein Length	1-265 a.a.
Predicted N Terminal	Ala 27
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant human GPR37 comprises 250 amino acids and has a predicted molecular mass of 26.6 kDa. The apparent molecular mass of rh GPR37 is approximately 30-45 kDa in SDS-PAGE under reducing conditions due to different glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

Protein Refseq

NP_005293

MIM

602583

UniProt ID

O15354

Chromosome Location

7q31

Pathway

GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Parkinsons disease,

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