Recombinant Human GPR37 Protein, His-tagged

Cat. No. GPR37-541H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR37 Protein(34-264 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	34-264 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	SRNETCLGESCAPTVIQRRGRDAWGPGNSARDVLRARAPREEQGAAFLAGPSWDL PAAPGRDPAAGRGAEASAAGPPGPPTRPPGPWRWKGARGQEPSETLGRGNPTAL QLFLQISEEEEKGPRGAGISGRSQEQSVKTVPGASDLFYWPRRAGKLQGSHHKPLS KTANGLAGHEGWTIALPGRALAQNGSLGEGIHEPGGPRRGNSTNRRVRLKNPFYPL TQESYGAYAV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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
SDS-PAGE	

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