Active Recombinant Human GPR56, His-tagged

Cat. No. GPR56-409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR56 (Accession # AAP35975.1) Arg26-Val342, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	26-342 a.a.
Predicted N Terminal	Arg26
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to enhance the adhesion of T98G human glioblastoma cells to human Fibronectin.When 4 x 10^4 cells/well are added to plates coated with human Fibronectin (0.1 μg/mL) and rhGPR56 (10 μg/well, 100 μl/well) for 45 minutes at 37° C there is a 2 - 4 fold increase in adhesion to human fibronectin induced by the presence of rhGPR56.Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human GPR56, His-tagged has a calculated MW of 36.8 kDa. In SDS-PAGE migrates as 65-85 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.

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Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

Gene Name	GPR56 G protein-coupled receptor 56 [Homo sapiens]
Official Symbol	GPR56
Synonyms	GPR56; G protein-coupled receptor 56; G-protein coupled receptor 56; TM7LN4; TM7XN1; 7-transmembrane protein with no EGF-like N-terminal domains-1; BFPP; DKFZp781L1398;
Gene ID	9289
mRNA Refseq	NM_001145770
Protein Refseq	NP_001139242
MIM	604110
UniProt ID	Q9Y653
Chromosome Location	16q13

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