

Recombinant Full Length Human Probable G-Protein Coupled Receptor 111(Gpr111) Protein, His-Tagged

Cat. No. RFL17974HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Probable G-protein coupled receptor 111(GPR111) Protein (Q8IZF7) (1-708aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-708)
Form	Lyophilized powder
AA Sequence	MGLTAYGNRRVQPGELPFGANLTLIHTRAQPVICKSKLLLTAKRVSPISFFLSKFQNSWG ED GWVQLDQLPSPNAVSSDQVHCSAGCTHRKCGWAASKSKEKVPARPHGVCDG VCTDYSQCT QPCPPDTQGNMGFSCRQKTWHKITDTCQTLNALNIFEEDSRLVQPF EDNIKISVYTGKSE TITDMLLQKCPTDLSCVIRNIQQSPWIPGNIIVVQLLNISTAIW TGVDEAKMQSYSTI ANHILNSKSISNWTFFIPDRNSSYILLHSVNSFARRLFIDKHPVDI SDVFIHTMGTTISGD NIGKNFTFSMRINDTSNEVTGRVLISRDELKRVSPSPQVISIAF PTIGAILEASLLENVT VNGLVLSAILPKELKRISLIFEKISKSEERTQCVGWHSVENR WDQQACKMIQENSQQAV CKCRPSKLFTSFSILMSPHILESILTYITYVGLGISICSLIL CLSIEVLVWSQVTKTEI TYLRHVCIVNIAATLLMADVWFIVASFLSGPITHHKGCVAAT FFVHFFYLSVFFWMLAKA LLILYGIMIVFHTLPKSVLVASLFSVGYGCPLAIAAITVAAT EPGKGYLRPEICWLNWDM TKALLAFVIPALAIVVVNLTITVTLVIVKTQRAAIGNSMFQE VRAIVRISKNIAILTPLLG LTWGFGVATVIDDRSLAFHIIFSLNFAQVSPDASDQVQSE

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	RIHEDVL
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ADGRF2
Synonyms	ADGRF2; GPR111; PGR20; Adhesion G-protein coupled receptor F2; G-protein coupled receptor 111; G-protein coupled receptor PGR20
UniProt ID	Q8IZF7

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