

Recombinant Full Length Human GPR12 Protein

Cat. No. GPR12-202HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GPCR GPR12 with N terminal proprietary tag; Predicted MWt 62.81 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	334 amino acids
Description	Predicted to enable G protein-coupled receptor activity. Predicted to be involved in adenylate cyclase-activating G protein-coupled receptor signaling pathway and regulation of metabolic process. Predicted to act upstream of or within G protein-coupled receptor signaling pathway and cellular calcium ion homeostasis. Predicted to be integral component of plasma membrane. Predicted to be active in cytoplasm and plasma membrane.
Form	Liquid
Molecular Mass	62.810kDa inclusive of tags
AA Sequence	MNEDLKVNL SGLPRDYLDAAA AENISA AVSSRVP AVEPEP ELVVNPWDIVLCTSGTL ISCENAIVVLIIFHNPSLRAPMF LLIGSLALADLLAGIGLITNFVFAYLLQSEATKLVTIGL I VASFSASVCSLLAITVD RYLSLYYALTYHSERTVTFTYVM LVMLWGTSICLGLLPVM GWNCLRDESTCSVVRPLTKNNAA ILSVSFLFMFALMLQLYIQICKIVMRHAHQIALQH HFLAT SHYVTTTRKGVSTLAILGTFAACWMPFTLYSLIADYTYP S IYTYATLLPATYNS

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IINPVIYAFRNQEIQKALCLICCGCI PSSLAQRARSPSDV

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [GPR12 G protein-coupled receptor 12 \[Homo sapiens \]](#)

Official Symbol [GPR12](#)

Synonyms GPR12; G protein-coupled receptor 12; G-protein coupled receptor 12; GPCR21

Gene ID [2835](#)

mRNA Refseq [NM_005288](#)

Protein Refseq [NP_005279](#)

MIM [600752](#)

UniProt ID [P47775](#)

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