

Recombinant Human GPR75 Protein (M1-V540 end), eGFP, 10×His tagged

Cat. No. GPR75-0493H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HA(signal peptide)-Flag-GPR75(M1-V540 end)-3C-eGFP-10His Protein was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	M1-V540 end
Description	G protein-coupled receptor that is activated by the chemokine CCL5/RANTES. Probably coupled to heterotrimeric Gq proteins, it stimulates inositol trisphosphate production and calcium mobilization upon activation. Together with CCL5/RANTES, may play a role in neuron survival through activation of a downstream signaling pathway involving the PI3, Akt and MAP kinases. CCL5/RANTES may also regulate insulin secretion by pancreatic islet cells through activation of this receptor.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	60%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 20 mM HEPES pH 7.5, 200 mM NaCl, 1.5% glycerol, 5 mM EDTA, 0.01% (w/v)LMNG, and 0.001% (w/v)CHS
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	GPR75 G protein-coupled receptor 75 [Homo sapiens (human)]
Official Symbol	GPR75
Synonyms	GPR75; G protein-coupled receptor 75; probable G-protein coupled receptor 75; WI 31133; GPRchr2; WI31133; MGC132002;
Gene ID	10936
mRNA Refseq	NM_006794
Protein Refseq	NP_006785
MIM	606704
UniProt ID	O95800

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