

## Recombinant Human GPR75 Protein (M1-V540 end), eGFP, 10xHis tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HA(signal peptide)-Flag-GPR75(M1-V540 end)-3C-eGFP-10His Protein was expressed in Mammalian cell.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	M1-V540 end
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	60%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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<b>Storage</b>	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.
<b>Storage Buffer</b>	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
<b>Shipping</b>	It is shipped out with blue ice.

## GENE INFORMATION

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

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