

HDFP1469

Product Information

Product SKU:	HDFP1469	Expression Host:	HEK293	Size:	10µg
Target:	GPR75	Tag:	N-MBP Tag, C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	O95800
Molecular Weight:	The human full length MBP-GPR75 protein has a MW of 99.4 kDa		

Protein Information

Background:	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.
Synonyms:	GPRchr2; WI31133
Protein Description:	Human MBP-GPR75 full length protein-synthetic nanodisc
Formulation:	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for
Protein Pathways:	-
Protein Families:	Druggable Genome, GPCR, Transmembrane.
Usage:	Research use only
Storage & Shipping:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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