

Recombinant Human GPR75, His-tagged

Cat. No. GPR75-13487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR75 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	376-540a.a.
Description	This gene encodes a Golgi protein with a PDZ domain. The PDZ domain is globular and proteins which contain them bind other proteins through short motifs near the C-termini. Mice which are deficient in the orthologous protein have globozoospermia and are infertile. Multiple transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GPR75 G protein-coupled receptor 75 [Homo sapiens]
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Official Symbol	GPR75
Synonyms	GPR75; G protein-coupled receptor 75; probable G-protein coupled receptor 75; WI31133; GPRchr2; WI31133; MGC132002;
Gene ID	10936
mRNA Refseq	NM_006794
Protein Refseq	NP_006785
MIM	606704
UniProt ID	O95800
Chromosome Location	2p16
Pathway	GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
Function	G-protein coupled receptor activity; receptor activity; signal transducer activity;

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