

## 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<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 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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<b>Official Symbol</b>	GPR75
<b>Synonyms</b>	GPR75; G protein-coupled receptor 75; probable G-protein coupled receptor 75; WI31133; 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
<b>Chromosome Location</b>	2p16
<b>Pathway</b>	GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
<b>Function</b>	G-protein coupled receptor activity; receptor activity; signal transducer activity;

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