

Recombinant Human GPR176, His-tagged

Cat. No. GPR176-13464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR176 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	325-514a.a.
Description	The protein encoded by this gene is an enzyme that catalyzes the conversion of S-adenosyl-L-methionine (along with glycine) to S-adenosyl-L-homocysteine and sarcosine. The encoded protein is found in the cytoplasm and acts as a homotetramer. Defects in this gene are a cause of GNMT deficiency (hypermethioninemia).
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	GPR176 G protein-coupled receptor 176 [Homo sapiens]
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Official Symbol	GPR176
Synonyms	agr9; G protein coupled receptor 176; Gm1012; GP176_HUMAN; GPR; Gpr176; HB 954; HB-954; HB954; Probable G-protein coupled receptor 176; Putative G protein coupled receptor;
Gene ID	11245
mRNA Refseq	NM_001271854.1
Protein Refseq	NP_009154.1
MIM	612183
UniProt ID	Q14439
Chromosome Location	15q14-q15.1
Pathway	GPCRs,Other,organism-specific biosystem;
Function	G-protein coupled receptor activity;

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