

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 Na₂HPO₄, 17mM NaH₂PO₄, 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]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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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