

Recombinant Human GPR107, GST-tagged

Cat. No. GPR107-13433H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human GPR107 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 41-260a.a.

Description G proteins are trimeric (alpha-beta-gamma) membrane-associated proteins that regulate flow of information from cell surface receptors to a variety of internal metabolic effectors. Interaction of a G protein with its activated receptor promotes exchange of GTP for GDP that is bound to the alpha subunit. The alpha-GTP complex dissociates from the beta-gamma heterodimer so that the subunits, in turn, may interact with and regulate effector molecules (Gilman, 1987 [PubMed 3113327]; summary by Ahmad et al., 1995) [PubMed 7606925].

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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	GPR107 G protein-coupled receptor 107 [Homo sapiens]
Official Symbol	GPR107
Synonyms	GPR107; G protein-coupled receptor 107; protein GPR107; FLJ20998; KIAA1624; LUSTR1; RP11 88G17; lung seven transmembrane receptor 1; GCDRP; bA138E2.2; RP11-88G17; FLJ16312; FLJ22591; MGC15440; MGC126118; DKFZp667C222;
Gene ID	57720
mRNA Refseq	NM_001136557
Protein Refseq	NP_001130029
UniProt ID	Q5VW38
Chromosome Location	9q34.2

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