

Recombinant Human GPR77, GST-tagged

Cat. No. GPR77-13488H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR77 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-115a.a.
Description	This gene encodes a member of the golgin family, a group of coiled-coil proteins localized to the Golgi. The encoded protein may function in the secretory pathway. The encoded protein, which also localizes to the cytoplasm, was identified by interactions with the N-terminal kinase-like protein, and thus it may function in mitosis. Mutations in this gene have been associated with geroderma osteodysplastica. Alternatively spliced transcript variants have been described.
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GPR77 G protein-coupled receptor 77 [Homo sapiens]
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Official Symbol	GPR77
Synonyms	GPR77; G protein-coupled receptor 77; C5a anaphylatoxin chemotactic receptor C5L2; C5L2; G-protein coupled receptor 77; G protein-coupled receptor C5L2; GPF77;
Gene ID	27202
mRNA Refseq	NM_018485
Protein Refseq	NP_060955
MIM	609949
UniProt ID	Q9P296
Chromosome Location	19q13.33
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	C5a anaphylatoxin receptor activity; G-protein coupled receptor activity; receptor activity; signal transducer activity;

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