

Recombinant Human LGR5 protein(22-561aa), His-tagged

Cat. No. LGR5-294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGR5 protein(O75473)(22-561aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-561aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	64.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 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

AA Sequence

GSSPRSGVLLRGCPHCHCEPDGRMLLRVDCSDLGLSELPSNLSVFTSYLDLSMNN
ISQLLPNPLPSLRFLEELRLAGNALTYPKGAFTGLYSLKVLMLQNNQLRHVPTEALQ
NLRSLQSLRLDANHISYVPPSCFSGLHSLRHLWLDDNALTEIPVQAFRSLSALQAMTL
ALNKIHHIPDYAFGNLSSLVVLHLHNNRIHSLGKKCFDGLHSLETLDLNNNLDEFPT
AIRTLSNLKELGFHSNNIRSIPEKAFVGNPSLITIHFYDNPIQFVGRSAFQHLPELRTL
LNGASQITEFPDLTGTANLESLTLTGAQISSLPQTVCNQLPNLQVLDLSYNLLEDLPS
FSVCQKLQKIDLRHNEIYEIKVDTFQQLSLRSLNLAWNKAIIHPNAFSTLPSLIKLDLS
SNLLSSFPITGLHGLTHLKLGTGNHALQSLISSENFPELKVIEMPYAYQCCAFGVCENA
YKISNQWNKGDNSSMDDLHKKDAGMFQAQDERDLEDFLDFFEDLKALHSVQCSP
SPGPFKPCEHLLDGWLIR

GENE INFORMATION

Gene Name LGR5 leucine-rich repeat containing G protein-coupled receptor 5 [Homo sapiens]

Official Symbol LGR5

Synonyms

LGR5; leucine-rich repeat containing G protein-coupled receptor 5; G protein coupled receptor 49 , GPR49, GPR67, leucine rich repeat containing G protein coupled receptor 5; leucine-rich repeat-containing G-protein coupled receptor 5; FEX; HG38; G-protein coupled receptor 49; G-protein coupled receptor 67; G-protein coupled receptor HG38; orphan G protein-coupled receptor HG38; leucine-rich repeat-containing G protein-coupled receptor 5; GPR49; GPR67; GRP49; MGC117008;

Gene ID 8549

mRNA Refseq NM_003667

Protein Refseq NP_003658

MIM 606667

 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

UniProt ID	O75473
------------	--------

SDS-PAGE	
----------	--

 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