Recombinant Human LGR6 293 Cell Lysate, transcript variant 1

Cat. No. LGR6-4756HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Antigen standard for leucine-rich repeat-containing G protein-coupled receptor 6 (LGR6), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Species	Human
Source	HEK293
Preparation method	Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit.
Recommended Usage	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.
Storage Instruction	The lysate is shipped with dry ice. Upon receiving, store the sample at -20ºC. Lysate samples are stable for 12 months from date of receipt when stored at -20ºC. Avoid repeated freeze-thaw cycles.Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -

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	20ºC for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	LGR6 leucine-rich repeat containing G protein-coupled receptor 6 [Homo sapiens]
Official Symbol	LGR6
Synonyms	LGR6; leucine-rich repeat containing G protein-coupled receptor 6; leucine rich repeat containing G protein coupled receptor 6; leucine-rich repeat-containing G-protein coupled receptor 6; FLJ14471; gonadotropin receptor; leucine-rich repeat-containing G protein-coupled receptor 6; GPCR; VTS20631;
Gene ID	59352
mRNA Refseq	NM_001017403
Protein Refseq	NP_001017403
MIM	606653
UniProt ID	Q9HBX8
Chromosome Location	1q32.1
Pathway	GPCRs, Other, organism-specific biosystem;
Function	protein-hormone receptor activity; receptor activity; signal transducer activity;

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