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## Product Datasheet

### Recombinant Human LGR5 / GPR49 protein ABB-RP00730

Article Name	Recombinant Human LGR5 / GPR49 protein
Biozol Catalog Number	ABB-RP00730
Supplier Catalog Number	RP00730
Alternative Catalog Number	ABB-RP00730-10UG, ABB-RP00730-50UG, ABB-RP00730-100UG, ABB-RP00730-20UG
Manufacturer	ABClonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Gly22-Arg561
Product Description	LGR5 (also known as GPR49) is a seven-transmembrane protein of the class A Rhodopsin-like family of GPCRs. LGR5 and LGR4 bind the R-spondins with high affinity and mediate the potentiation of Wnt/beta-catenin signaling by enhancing Wnt-induced LRP6 p...
Concentration	< 0.01 EU/μg of the protein by LAL method
Molecular Weight	60.38 kDa
NCBI	<a href="#">8549</a>
UniProt	<a href="#">O75473</a>
Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).

Target	LGR5, GPR49, GPR67
Application Dilute	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein