

Recombinant Human GPR39 Protein, His-tagged

Cat. No. GPR39-2211H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR39 Protein (Ile304-Val453) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile304-Val453
Description	This gene is a member of the ghrelin receptor family and encodes a rhodopsin-type G-protein-coupled receptor (GPCR). The encoded protein is involved in zinc-dependent signaling in epithelial tissue in intestines, prostate and salivary glands. The protein may also be involved in the pathophysiology of depression.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.9 kDa Accurate Molecular Mass: 23 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	GPR39 G protein-coupled receptor 39 [Homo sapiens (human)]
Official Symbol	GPR39
Synonyms	GPR39; G protein-coupled receptor 39; G-protein coupled receptor 39
Gene ID	2863
mRNA Refseq	NM_001508
Protein Refseq	NP_001499
MIM	602886
UniProt ID	O43194

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