

Recombinant Human GLP2R Protein, GST-tagged

Cat. No. GLP2R-35H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLP2R(1 a.a. - 553 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 553 a.a.
Description	This gene encodes a G protein-coupled receptor that is closely related to the glucagon receptor and binds to glucagon-like peptide-2 (GLP2). Signalling through GLP2 stimulates intestinal growth and increases villus height in the small intestine, concomitant with increased crypt cell proliferation and decreased enterocyte apoptosis.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	89.4 kDa
AA Sequence	MKLGSSRAGPGRGSAGLLPGVHELPMGIPAPWGTSPFSFHRKCSLWAPGRPFLTL VLLVSIKQVTGSLLEETTRKWAQYKQACLRDLLKEPSGIFCNGTFDQYVCWPHSSP GNVSVPCPSYLPWWSEESSGRAYRHCLAQGTWQTIENTATDIWQDDSECSNHSFK QNVDRYALLSTLQLMYTVGYSFSLISLFLALTLFLRKLHCTRNYIHMNLFASFILRTL AVLVKDVVFYNSYSKRPDNENGWMSYLSSEMSTSCRSVQVLLHYFVGANYLWLLVE GLYLHTLLEPTVLPERRLWPRYLLLGWAFPVLFVVPWGFARAHLENTGCWTTNGNK

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KIWWIIRGPMMLCVTVNFFIFLKILKLLISKLKAHQMCFRDYKYRLAKSTLVLIPLLGVH
 EILFSFITDDQVEGFAKLIRLFIQLTLSSFHGFGLVALQYGFANGEVKAELRKYWVRFL
 ARHSGCRACVLGKDFRFLGKCPKKLSEGDGAELRKLQPSLNSGRLLHLAMRGLG
 ELGAQPQQDHARWPRGSSLSECSEGDVTMANTMEEILEESEI

Applications

Enzyme-linked Immunoabsorbent; Assay Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

GLP2R glucagon-like peptide 2 receptor [Homo sapiens]

Official Symbol

GLP2R

Synonyms

GLP2R; glucagon-like peptide 2 receptor; GLP-2R; GLP-2-R; GLP-2 receptor;

Gene ID

9340

mRNA Refseq

NM_004246

Protein Refseq

NP_004237

MIM

603659

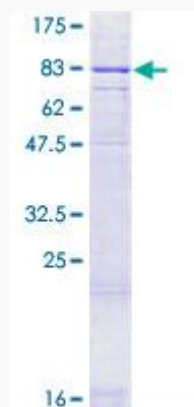
UniProt ID

O95838

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