

Recombinant Full Length Human GLP2R Protein, GST-tagged

Cat. No. GLP2R-1614HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human GLP2R(1 a.a. - 553 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	553 amino acids
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	MKLGSSRAGP GRGSAGLLPG VHELPMGIPA PWGTSPLSFH RKCSLWAPGR PFLTLVLLVS IKQVTGSLLE ETTRKWAQYK QACLRDLLKE PSGIFCNGTF DQYVCWPHSS PGNVSVPCPS YLPWWSEESS GRAYRHCLAQ GTWQTIENTAT DIWQDDSECS ENHSFKQNVD RYALLSTLQL MYTVGYSFSL ISLFLALTLL LFLRKLHCTR NYIHMNLFAS FILRTLAVLV KDVFYNSYS KRPDNENGWM SYLSEMSTSC RSVQVLLHYF VGANYLWLLV EGLYLHTLLE PTVLPERRLW

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PRYLLLGWAF PVLFFVPWGF ARAHLENTGC WTTNGNKKIW WIIRGPMMLC
 VTVNFFIFLK ILKLLISKLK AHQMCFRDYK YRLAKSTLVL IPLLGVHEIL
 FSFITDDQVE GFAKLIRLFI QLTLSFHGF LVALQYGFAN GEVKAELRKY
 WVRFLARHS GCRACVLGKD FRFLGKCPKK LSEGDAEKL RKLQPSLNSG
 RLLHLAMRGL GELGAQPQQD HARWPRGSSL SECSEGDVTM ANTMEEILEE SEI

Applications

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

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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