

Recombinant Full Length Human GLP2R Protein

Cat. No. GLP2R-1613HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human GLP2R 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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	63 kDa
AA Sequence	MKLGSSRAGP GRGSAGLLPG VHELPMGIPA PWGTSPLSFH RKCSLWAPGR PFTLVLLVS IKQVTGSLLE ETTRKWAQYK QACLRDLLKE PSGIFCNGTF DQYVCWPHSS PGNVSVPCPS YLPWWSEESS GRAYRHCLAQ GTWQTIENAT DIWQDDSECS ENHSFKQNV DRYALLSTLQL MYTVGYSFSL ISLFLALTLL LFLRKLHCTR NYIHMNLFAS FILRTLAVLV KDVFVNSYS KRPDNENGWM SYLSEMSTSC RSVQVLLHYF VGANYLWLLV EGLYLHTLLE PTVLPERRLW PRYLLLGWAF PVLFPVPWGF ARAHLENTGC WTTNGNKKIW WIIRGPMMLC

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VTVNFFIFLK ILKLLISKLK AHQMCFRDYK YRLAKSTLVL IPLLGVHEIL
 FSPITDDQVE GFAKLIRLFI QLTLSFHGF LVALQYGFAN GEVKAELRKY
 WVRFLARHS GCRACVLGKD FRFLGKCPKK LSEGDAEKL RKLQPSLNSG
 RLLHLAMRGL GELGAQPQD HARWPRGSSL SECSEGDVTM ANTMEEILEE SEI

Applications Antibody Production; Functional Study; Compound Screening

Quality Control Test Heating may cause protein aggregation. Please do not heat this product before electrophoresis. 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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