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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GLP2R (Human) Recombinant Protein (P01)

Catalog Number: H00009340-P01

Regulation Status: For research use only (RUO)

Product Description: Human GLP2R full-length ORF (NP_004237.1, 1 a.a. - 553 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKLGSSRAGPGRGSAGLLPGVHELPMGIPAPWGTSPLSFHRKCSLWAPGRPFLTLVLLVSIKQVTGSLLLEETTRKWAQYKQACLRLDLLKEPSGIFCNGTFDQYVCWPHSSPGNVSVPSPSYLPWWSEESSGRAYRHCLAQGTWQTIENATDIWQDDSECSSENHSFKQNVDRYALLSTLQLMYTVGYSFSLISLFLALTLFLRKLHCTRNYIHMLNFASFILRTLAVLVKDVVVFYNSYSKRPDNENGWMSYLSMSTSCRSVQVLLHYFVGANYLWLLVEGLYLHTLLEPTVPERRLWPRYLLLGWAFPVLFVVPWGFARAHLENTGCWTTNGNKKIWWIIRGPMMLCVTVNFFIFLKILKLLISKLKAHQMCFRDYKYRLAKSTLVLIPLLVGHEILFSFITDDQVEGFAKLIRLFIQLTLSSFHGFLVALQYGFANGEVKAELRKYWVRFLLARHSGCRACVLGKDFRFLGKCPKCLSEGDAEKLRLKQPSLNSGRLLHLAMRGLGELGAQPQQDHA
RWPRGSSLSECSEGDVTMANTMEEILEESEI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89.4

Interspecies Antigen Sequence: Mouse (81); Rat (78)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9340

Gene Symbol: GLP2R

Gene Alias: -

Gene Summary: The GLP2 receptor (GLP2R) is a G protein-coupled receptor superfamily member closely related to the glucagon receptor and GLP1 receptor. Glucagon-like peptide-2 (GLP2) is a 33-amino acid proglucagon-derived peptide produced by intestinal enteroendocrine cells. Like glucagon-like peptide-1 (GLP1) and glucagon itself, it is derived from the proglucagon peptide encoded by the GCG gene. GLP2 stimulates intestinal growth and upregulates villus height in the small intestine, concomitant with increased crypt cell proliferation and decreased enterocyte apoptosis. Moreover, GLP2 prevents intestinal hypoplasia resulting from total parenteral nutrition. GLP2R, a G protein-coupled receptor superfamily member is expressed in the gut and closely related to the glucagon receptor (GCGR) and the receptor for GLP1 (GLP1R). [provided by RefSeq]