

Datasheet for ABIN7548071  
**GLP2R Protein (AA 1-553) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GLP2R
Protein Characteristics:	AA 1-553
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLP2R protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinant GLP2R Protein expressed in mammalian cells.
Sequence:	<p>MKLGSSRAGP GRGSAGLLPG VHELPMGIPA PWGTSPLSFH RKCSLWAPGR PFLTLVLLVS  IKQVTGSLLE ETTRKWAQYK QACLRDLLKE PSGIFCNGTF DQYVCWPHSS PGNVSVPCPS  YLPWWSEESS GRAYRHCLAQ GTWQTENAT DIWQDDSECS ENHSFKQNV DRYALLSTLQL  MYTVGYSFSL ISLFLALTLL LFLRKLHCTR NYIHMNLFAS FILRTLAVLV KDVFYNSYS  KRPDNENGWM SYLSEMSTSC RSVQVLLHYF VGANYLWLLV EGLYLHTLLE PTVLPERRLW  PRYLLLGWAF PVLFVVPWGF ARAHLENTGC WTTNGNKKIW WIIRGPMMLC VTNVFFIFLK  ILKLLISKLK AHQMCFRDYK YRLAKSTLVL IPLLGVHEIL FSFITDDQVE GFAKLIRLFI QLTLSSFHGF  LVALQYGFAN GEVKAELRKY WVRFLARHS GCRACVLGKD FRFLGKCPKK LSEG DGA EKL  RKLQPSLNSG RLLHLAMRGL GELGAQPQD HARWPRGSSL SECSEGDVTM ANTMEEILEE SEI</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary.</b></p>

## Product Details

**In case you have a special request, please contact us.**

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

## Target Details

### Target:

GLP2R

### Alternative Name:

GLP2R ([GLP2R Products](#))

### Background:

Glucagon-like peptide 2 receptor (GLP-2 receptor) (GLP-2-R) (GLP-2R),FUNCTION: This is a receptor for glucagon-like peptide 2. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

### Molecular Weight:

63.0 kDa

### UniProt:

[O95838](#)

### Pathways:

[Positive Regulation of Peptide Hormone Secretion](#), [Peptide Hormone Metabolism](#), [cAMP Metabolic Process](#), [Feeding Behaviour](#)

## Application Details

### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months