

Human GPR56 / TM7LN4 Protein (His Tag)

Catalog Number: 11017-H08H



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Biological Solution Specialist

General Information

Gene Name Synonym:

BFPP; DKFZp781L1398; TM7LN4; TM7XN1; UNQ540/PRO1083

Protein Construction:

A DNA sequence encoding the human GPR56 isoform b (NP_958933.1) extracellular domain (Met 1-Val 342) was fused with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 80 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Arg 26

Molecular Mass:

The secreted recombinant human GPR56 comprises 328 amino acids and has a predicted molecular mass of 37.4 kDa. As a result of glycosylation, the apparent molecular mass of rhGPR56 is approximately 50-60 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

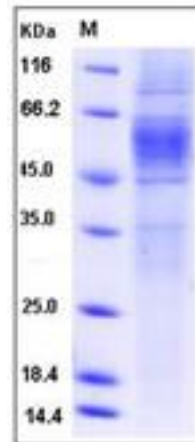
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

- 1.Liu M., et al., 1999, Genomics 55: 296-305.
- 2.Huang,Y. et al., 2008, Mol Cell Biochem. 308 (1-2):133-9.
- 3.Li,S. et al., 2008, J Neurosci 28 (22):5817-26.

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