

HUMAN GPR56 PROTEIN, HIS TAG

货号: 11887

产品全名: 人 GPR56 蛋白

规格: 10/50/100 µg

基因符号: BFPP;BPPR;GPR56;TM7LN4;TM7XN1

目标蛋白: GPR56

UNIPROT ID: Q9Y653

描述: Recombinant Human GPR56 Protein with C-terminal 6xHis tag

背景: This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 43.6 kDa after removal of the signal peptide. The apparent molecular mass of GPR56-His is approximately 55–70 kDa due to glycosylation.

分子特征: GPR56(Arg26–Tyr402) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at –20°C to –80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at –80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

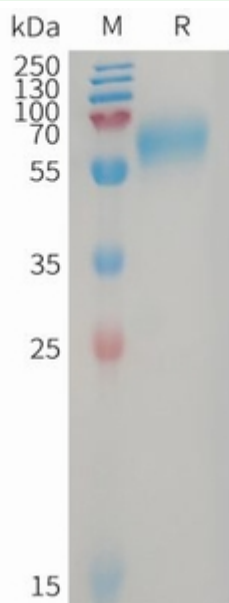


Figure 1. Human GPR56 Protein, His Tag on SDS-PAGE under reducing condition.