

**HUMAN GPR56 PROTEIN, HIS TAG**

目录: 11887

产品名称: Human GPR56 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: BFPP;BPPR;GPR56;TM7LN4;TM7XN1

**Target:** 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]

**Species/Host:** HEK293

**Molecular Weight:** 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.

**Molecular Characterization:** 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.

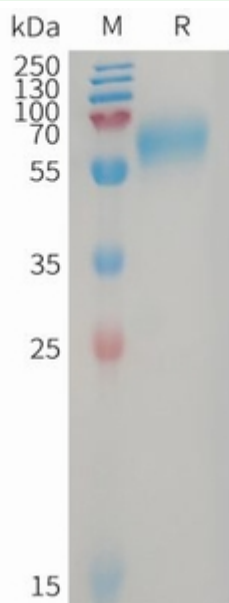


Figure 1. Human GPR56 Protein, His Tag on SDS-PAGE under reducing condition.