

PRODUCT INFORMATION

GPR56 **Target**

BFPP;BPPR;GPR56;TM7LN4;TM7XN1 **Synonyms**

Recombinant Human GPR56 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q9Y653 **HEK293 Expression Host**

Tag C-6×His Tag

Molecular Characterization

Storage & Shipping

Background

GPR56(Arg26-Tyr402) 6×His tag

The protein has a predicted molecular mass of **Molecular Weight**

43.6 kDa after removal of the signal peptide. The apparent molecular mass of GPR56-His is

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

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]

Usage Research use only Conjugate Unconjugated

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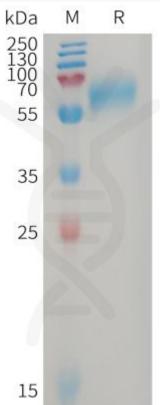


Figure 1.Human GPR56 Protein, His Tag on SDS-PAGE under reducing condition.

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