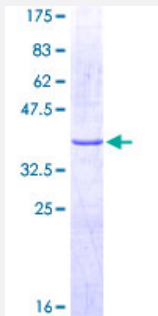


GPR56 (Human) Recombinant Protein (Q01)

Catalog # H00009289-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GPR56 partial ORF (NP_758961, 31 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DFRFCSQRNQTHRSSLHYKPTDLRSIENSEEALTVHAPFPAAHPASRSFPDPRGLYHFCLYWN RHAGRLHLLYGKRDFLLSDKASSLLCFQHQEESLA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (78); Rat (78)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GPR56

Entrez GeneID [9289](#)

GeneBank Accession# [NM_005682](#)

Protein Accession# [NP_758961](#)

Gene Name GPR56

Gene Alias BFPP, DKFZp781L1398, TM7LN4, TM7XN1

Gene Description G protein-coupled receptor 56

Omim ID [604110](#) [606854](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the G protein-coupled receptor family. The protein contains 7 transmembrane domains and a mucin-like domain in the N-terminal region. The gene is implicated in the regulation of brain cortical patterning. The protein binds specifically to transglutaminase 2 in the extracellular space. Expression of this gene is downregulated in melanoma cell lines, and over expression of this gene can suppress tumor growth and metastasis. Mutations in this gene result in bilateral frontoparietal polymicrogyria. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations EGF-TM7-like|seven transmembrane helix receptor

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)