

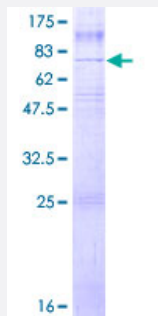
Full-Length

GPR50 (Human) Recombinant Protein (P01)

Catalog # H00009248-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPR50 full-length ORF (AAI03697.1, 1 a.a. - 617 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGPTLAVPTPYGCIGCKLPQPEYPPALIIFMFCAMVITIVVDLIGNSMVILAVTKNKKLRNSGNIFVVS
LSVADMLVAIPYPLMLHAMSIGGWDLSQLQCQMVGFITGLSVVGSIFNVAIAINRYCYICHSLQYER
IFSVRNTCYLVITWIMTVLAVLPNMYIGTIEYDPRYTICIFNYLNNPVFTVTIVCIHFVLP LLVGFYVRI
WTKVLAARDPAGQNP DNQLAEVRNFLTMFVIFLLFAVCWCPINLTVLVAVSPKEMAGKIPNWLY
LAAYFIAFYNSCLNAVYGLLNENFRREYWTIFHAMRHPIIFFSGLISDIREMQEARTLARARAHARDQ
AREQDRAHACPAVEETPMNVRNVPLPGDAAAGHPDRASGHPKPHSRSSSAYRKSASTHHKSV
FSHKAASGHLKPVSGHSPASGHPKSATVYPKPASVHFKAADSVHFKGDSVHFKPDSVHFKPA
SSNPKPITGHHVSAGSHSKSAFSAATSHPKPTTGHIKPATSHAEPPTADYPKPATTSHPKPTAADN
PELSASHCPEIPAAHPVSDDSDLPESSPAAGPTKPAASQLES DTDLPDPTVTTSTNDYHD
VVVVDVEDDPDEMAV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.8

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 — GPR50

Entrez GeneID	9248
GeneBank Accession#	BC103696.1
Protein Accession#	AAI03697.1
Gene Name	GPR50
Gene Alias	H9, MGC125342, Mel1c
Gene Description	G protein-coupled receptor 50
Omim ID	300207
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000025869

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Bipolar Disorder](#)
- [Child Development Disorders](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Mood Disorders](#)
- [Obesity](#)
- [Schizophrenia](#)
- [Scoliosis](#)