

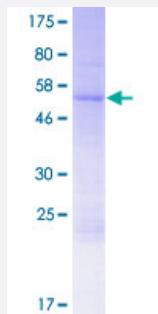
Full-Length

GPR78 (Human) Recombinant Protein (P01)

Catalog # H00027201-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPR78 full-length ORF (NP_543009.2, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGPGEALLAGLLVMVLAVALLSNALVLLCCAYSaelRTRASGVLLVNLSLGHLLLAALDMPFTLLG
VMRGRTPSAPGACQVIGFLDTFLASNAALSVAALSADQWLAVGFPLRYAGRLRPRYAGLLLGCA
WGQSLAFSGAALGCSWLGYSSAFASCSLRLPPEPERPRFAAFTATLHAVGFVLPLAVLCLTSLQ
VHRVARRHCQRMDVTMKALALLADLHPSVRQRCCLIQQKRRRHRATRKIGIAIAFLICFAPYVMTR
LAELVPFVTVNAQWGILSKCLTYSKAVADPFTYSLLRRPFRQVLAGMVHRLKRTPRPASTHDSS
LDVAGMVHQLLKRTPRPASTHNGSVDTENDSCLQQTH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.7

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 — GPR78

Entrez GeneID	27201
GeneBank Accession#	NM_080819.2
Protein Accession#	NP_543009.2
Gene Name	GPR78
Gene Alias	-
Gene Description	G protein-coupled receptor 78
Omim ID	606921
Gene Ontology	Hyperlink
Gene Summary	G protein-coupled receptors (GPCRs, or GPRs) contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.[supplied by OMIM]
Other Designations	OTTHUMP00000158597

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)

- [Schizophrenia](#)