

# Recombinant Full Length Human GPR157 Protein, GST-tagged

**Cat. No.** GPR157-5464HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GPR157 full-length ORF ( AAH18691, 30 a.a. - 155 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                       |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 30-155 amino acids                                                                                                                                                                                                                                          |
| <b>Description</b>      | GPR157 (G Protein-Coupled Receptor 157) is a Protein Coding gene. Diseases associated with GPR157 include Stromal Dystrophy. GO annotations related to this gene include G-protein coupled receptor activity and transmembrane signaling receptor activity. |
| <b>Molecular Mass</b>   | 39.6 kDa                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | GLLVATHALWPDLRSRARRLLLFLSLADLLSAASYFYGVPQNFAGPSWDCVLQGAL<br>STFANTSSFFWTVAIALYLYLSIVRAARGPRTDRLLWAFHVVRWVAVALLFQEPPTQ<br>ADPSRSCPPRGRV                                                                                                                      |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                           |

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|-------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                          |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                        |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                        |
| <b>GENE INFORMATION</b> |                                                                                                                 |
| <b>Gene Name</b>        | GPR157 G protein-coupled receptor 157 [ Homo sapiens (human) ]                                                  |
| <b>Official Symbol</b>  | GPR157                                                                                                          |
| <b>Synonyms</b>         | GPR157; G protein-coupled receptor 157; G-protein coupled receptor 157; probable G-protein coupled receptor 157 |
| <b>Gene ID</b>          | 80045                                                                                                           |
| <b>mRNA Refseq</b>      | NM_024980                                                                                                       |
| <b>Protein Refseq</b>   | NP_079256                                                                                                       |
| <b>UniProt ID</b>       | Q5UAW9                                                                                                          |

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