

# Recombinant Full Length Human GPR162 Protein, GST-tagged

**Cat. No.** GPR162-5475HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GPR162 full-length ORF ( NP_055264.1, 1 a.a. - 304 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>    | 304 amino acids                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | This gene was identified upon genomic analysis of a gene-dense region at human chromosome 12p13. It appears to be mainly expressed in the brain; however, its function is not known. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]                                 |
| <b>Molecular Mass</b>   | 59.5 kDa                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MLSTGVVSFFSLKSDSAPPWMVLAVLWCSMAQTLTLLPSFIWSCERYRADVRTVWE<br>QCVAIMSEEDGDDDGGCDDYAEGRVCKVRFDANGATGPGSRDPAQVKLLPGRHM<br>LFPPLERVHYLQVPLSRRLSHDETNIFFSTPREPGSFLHKWSSSDIRVLPAQSRALG<br>GPPEYLGQRHRLDEDEDEEEAEGGGLASLRQFLESGVLGSGGGPPRGPFFREEI<br>TTFIDETPLPSPTASPGHSPRRPRPLGLSPRRRLSLGSPESRAVGLPLGLSAGRRCSL<br>TGGEESARAWGGSWGPGNPIFPQLTL |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                             |

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|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
|                       | Antibody Production<br>Protein Array                                     |
| <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. |

## GENE INFORMATION

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| <b>Gene Name</b>       | GPR162 G protein-coupled receptor 162 [ Homo sapiens ] |
| <b>Official Symbol</b> | GPR162                                                 |
| <b>Synonyms</b>        | A-2; GRCA; GPR162; G protein-coupled receptor 162      |
| <b>Gene ID</b>         | 27239                                                  |
| <b>mRNA Refseq</b>     | NM_019858                                              |
| <b>Protein Refseq</b>  | NP_062832                                              |
| <b>UniProt ID</b>      | Q16538                                                 |

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