

# Recombinant Full Length Human CMKLR1 Protein, GST-tagged

**Cat. No.** CMKLR1-1905HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CMKLR1 full-length ORF ( NP_004063.1, 1 a.a. - 371 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>    | 371 amino acids                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | CMKLR1 (Chemerin Chemokine-Like Receptor 1) is a Protein Coding gene. Diseases associated with CMKLR1 include Cataract 18, Autosomal Recessive and Alzheimer's Disease 13. Among its related pathways are Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and chemokine receptor activity. An important paralog of this gene is C3AR1.  |
| <b>Molecular Mass</b>   | 68.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MEDEDYNTSISYGDEYPDYLDSIVVLEDLSPLEARVTRIFLVVVYSIVCFLGILGNGLVI<br>IIATFKMKKTVNMVWFLNLAVADFLFNVFLPIHITYAAMDYHWVFGTAMCKISNFLLIH<br>NMFTSVFLLTISSDRCISVLLPVWSQNHRSVRLAYMACMVIWVLAFFLSSPSLVFRD<br>TANLHGKISCFNNFSLSTPGSSSWPTHSQMDPVGYSRHMVTVTRFLCGFLVPVLII<br>TACYLTIVCKLQRNRLAKTKKPFKIIVTIIITFFLCWCPYHTLNLLELHHTAMPGSVFSL<br>GLPLATALAIANSCMNPILYVFMGQDFKKFKVALFSRLVNALSEDTGHSSYPSHRSFT<br>KMSSMNERTSMNERETGML |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>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>       | CMKLR1 chemokine-like receptor 1 [ Homo sapiens ]                                                                                                                                                                       |
| <b>Official Symbol</b> | CMKLR1                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | CMKLR1; chemokine-like receptor 1; chemokine receptor-like 1; G-protein coupled receptor DEZ; G-protein coupled receptor ChemR23; orphan G-protein coupled receptor, Dez; DEZ; ChemR23; CHEMERINR; MGC126105; MGC126106 |
| <b>Gene ID</b>         | 1240                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_001142343                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_001135815                                                                                                                                                                                                            |
| <b>MIM</b>             | 602351                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | Q99788                                                                                                                                                                                                                  |

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