

# Recombinant Full Length Human MB21D2 Protein, GST-tagged

**Cat. No.** MB21D2-3284HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Human C3orf59 full-length ORF (NP_848591.1, 1 a.a. - 489 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>    | 489 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | MB21D2 (Mab-21 Domain Containing 2) is a Protein Coding gene. GO annotations related to this gene include protein complex binding. An important paralog of this gene is TMEM102.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 81.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MAAPTANKAASLGCNNKPAPPELDFRSGARVEELNKLIQEFTKHDQREYDDQRALEI<br>HTAKDFIFSM LGMVQKLDQKLPVANEYLLLSSGGVREGVVDLDLDELNVYARGTDYD<br>MDFTLLVPALKLHDRNQPVTLDMRHSALCHSWLSLRLFDEGTISKWKDCCTIVDHIN<br>GATNYFFSPTKVADWFYDSISIVLSEIQKKPQRGMPKVEKVEKNGTIISIILGVGSSRM<br>LYDIVPVVSFKGWPAVAQSWLMENHFWDGKITEEEVISGFYLPACSYKGKKDNEW<br>RLSFARSEVQLKKCISSSLMQAYQACKAIIKLLSRPKAISPYHLRSMMLWACDRLPA<br>NYLAQEDYAAHFLLGLIDDLQHCLVNKMCPNYFIPQCNMLEHLSEETVMLHARKLSS<br>VRSDPAEHLRTAIEHVKAANRLTLELQRRGSTTSIPSPQSDGGDPNQPDRLAKKLQ<br>QLVTENPGKSISVFINPDDVTRPHFRIDDKFF |

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                             |
| <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>        | MB21D2 Mab-21 domain containing 2 [ Homo sapiens ]                                                                                            |
| <b>Official Symbol</b>  | MB21D2                                                                                                                                        |
| <b>Synonyms</b>         | MB21D2; Mab-21 domain containing 2; C3orf59, chromosome 3 open reading frame 59; protein MB21D2; mab-21 domain-containing protein 2; C3orf59; |
| <b>Gene ID</b>          | 151963                                                                                                                                        |
| <b>mRNA Refseq</b>      | NM_178496                                                                                                                                     |
| <b>Protein Refseq</b>   | NP_848591                                                                                                                                     |
| <b>UniProt ID</b>       | Q8IYB1                                                                                                                                        |

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