

# Recombinant Human MYDGF Protein, Fc-tagged

**Cat. No.** MYDGF-537H    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant human C19orf10 (NP_061980.1) (Met1-Leu173) was expressed with the Fc region of mouse IgG1 at the C-terminus.                                  |
| <b>Species</b>              | Human                                                                                                                                                     |
| <b>Source</b>               | HEK293                                                                                                                                                    |
| <b>ProteinLength</b>        | 1-173 a.a.                                                                                                                                                |
| <b>Predicted N Terminal</b> | Val 32                                                                                                                                                    |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                       |
| <b>Molecular Mass</b>       | The recombinant human C19orf10 consists 376 amino acids and predicts a molecular mass of 42.2 kDa.                                                        |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                           |
| <b>Purity</b>               | >90 % as determined by SDS-PAGE.                                                                                                                          |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                 |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                            |                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | MYDGF myeloid-derived growth factor [ Homo sapiens ]                                                                                                                                      |
| <b>Official Symbol</b>     | MYDGF                                                                                                                                                                                     |
| <b>Synonyms</b>            | IL25; IL27; SF20; IL27w; C19orf10; R33729_1; EUROIMAGE1875335                                                                                                                             |
| <b>Gene ID</b>             | 56005                                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | NM_019107                                                                                                                                                                                 |
| <b>Protein Refseq</b>      | NP_061980                                                                                                                                                                                 |
| <b>MIM</b>                 | 606746                                                                                                                                                                                    |
| <b>UniProt ID</b>          | Q969H8                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 19p13.3                                                                                                                                                                                   |
| <b>Pathway</b>             | IRE1alpha activates chaperones, organism-specific biosystem; Unfolded Protein Response (UPR), organism-specific biosystem; XBP1(S) activates chaperone genes, organism-specific biosystem |

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