

## Recombinant Human RHD protein, GST-tagged

**Cat. No.** RHD-5058H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RHD protein(Q02161)(388-417aa), fused to N-terminal GST tag, was expressed in HEK293.                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 388-417aa                                                                                                                                                                                                                                                     |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>              |
| <b>Molecular Mass</b>   | 29.6 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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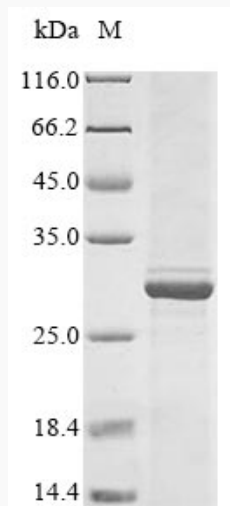
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RHD Rh blood group, D antigen [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | RHD                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | RHD; Rh blood group, D antigen; RH, Rhesus blood group, D antigen; blood group Rh(D) polypeptide; CD240D; DIIIc; Rh4; Rh30a; RhII; RhPI; D antigen (DCS); RH polypeptide 2; rhesus D antigen; Rhesus system D polypeptide; Rh blood group antigen Evans; Rhesus blood group D antigen allele DIII type 7; RH; RH30; RHCED; RHDel; RHPII; RhDCw; RHXIII; RHDVA(TT); RhK562-II; MGC165007; |
| <b>Gene ID</b>         | 6007                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_001127691                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_001121163                                                                                                                                                                                                                                                                                                                                                                             |
| <b>MIM</b>             | 111680                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | Q02161                                                                                                                                                                                                                                                                                                                                                                                   |

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**SDS-PAGE**

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