

Recombinant Human RHD Full Length Transmembrane protein, His-tagged

Cat. No. RHD-2392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RHD protein(Q02161)(2-417aa), fused to C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-417aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.9 kDa
AA Sequence	SSKYPRSVRRCLPLWALTLEAALILLFYFFTHYDASLEDQKGLVASVYQVGQDLTVMA AIGLGFLTSSFRRHSSVAFNLFMLALGVQWAILLDGFLSQFSPSGKVITLFSIRLAT MSALSVLISVDAVLGKVNLAQLVVMVLVEVTALGNLRMVISNIFNTDYHMNMMHIYVF AAYFGLSVAWCLPKPLPEGTEKDQQTATIPSLSAMLGALFLWMFWPSFNSALLRSPI ERKNAVFNTYYAVAVSVVTAISGSSLAHPQGKISKITYVHSAVLAGGVAVGTSCHLIPS PWLAMVLGLVAGLISVGGAKYLPGCCNRVLGIPHSSIMGYNFSLLGLLGEIYIVLLVL DTVGAGNGMIGFQVLLSIGELSLAIVIALMSGLLTGLLLNLKIWKAPHEAKYFDDQVF WKFPHLAVGF

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

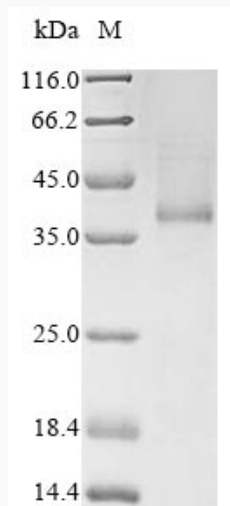
GENE INFORMATION

Gene Name	RHD Rh blood group, D antigen [Homo sapiens]
Official Symbol	RHD
Synonyms	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;
Gene ID	6007
mRNA Refseq	NM_001127691
Protein Refseq	NP_001121163
MIM	111680
UniProt ID	Q02161

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SDS-PAGE

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