

Rh Blood Group, D Antigen Recombinant Protein | RHD recombinant protein

Recombinant Rh Blood Group, D Antigen (RHD)

CATALOG # AAA150319	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Rh Blood Group; D Antigen; Recombinant Rh Blood Group; D Antigen (RHD); CD240D; Rh30a; Rh4; RhPI; RhII; DIIIc; Rhesus D antigen; Rh polypeptide 2; RHD recombinant protein

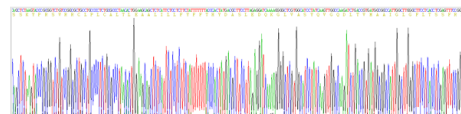
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose
Concentration	200ug/mL (varies by lot)
Applicable Applications for RHD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser2~Gly87
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Isoelectric point	9.0
Reconstitute	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

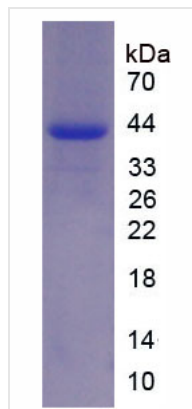
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SSKYPRSV RCLPLWALT EALILLFY FTHYDASLE QKGLVASYQV
GQDLTVMAI GLGLTSSFR RSHWSSVAFN LFWLALG
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Sequence



Gene Sequence

Figure. Gene Sequencing (Extract)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for RHD recombinant protein	Hematology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189095266
NCBI Accession #	NP_001121163.1
NCBI GenBank Nucleotide #	NP_001121163.1
UniProt Accession #	Q02161
Molecular Weight	Predicted Molecular Mass: 39.7kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	blood group Rh(D) polypeptide isoform 2
UniProt Protein Name	Blood group Rh(D) polypeptide
UniProt Gene Name	RHD
UniProt Synonym Gene Names	RhPII

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rhd-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150319>