

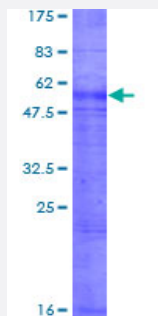
Full-Length

RHAG (Human) Recombinant Protein (P01)

Catalog # H00006005-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RHAG full-length ORF (AAH12605.1, 1 a.a. - 409 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRFTFPLMAMLEIAMVLFGLFVEYETDQTVLEQLNITKPTDMGIFFELYPLFQDVHVMIFVGFGFLM
TFLKKYGFSSVGINLLVAALGLQWGTIVQGTLSQGGQKFNIGIKNMINADFSAAATVLISFGAVLGKTS
PTQMLIMTILEVFFAHNEYLVSEIFKASDIGASMTIHAFGAYFGLAVAGILYRSGLRKGRENEESAYY
SDLFAMIGTLFLWMFWPSFNSAIAEPGDKQCRAVNNTYFSLAACVLTAFAFSSLVEHRGKLNLMVHI
QNATLAGGVAVGTCADMAIHPFGSMIGSIAGMVSVLGYKFLTPLFTTKLRIHDTGCVHNLHGLPGV
VGGLAGVAVAMGASNTSMAMQAAALGSSIGTAVVGGLMTGLILKLPLWGQPSDQNCYDDSVYW
KVPKTR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.6

Interspecies Antigen Sequence

Mouse (75); Rat (72)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RHAG

Entrez GeneID	6005
GeneBank Accession#	BC012605.1
Protein Accession#	AAH12605.1
Gene Name	RHAG
Gene Alias	CD241, RH2, RH50A, Rh50, Rh50GP, SLC42A1
Gene Description	Rh-associated glycoprotein
Omim ID	180297 268150
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is erythrocyte-specific and is thought to be part of a membrane channel that transports ammonium and carbon dioxide across the blood cell membrane. The encoded protein appears to interact with Rh blood group antigens and Rh30 polypeptides. Defects in this gene are a cause of regulator type Rh-null hemolytic anemia (RHN), or Rh-deficiency syndrome
Other Designations	OTTHUMP00000018001 Rh50 glycoprotein Rhesus blood group-associated glycoprotein abnormal Rhesus blood group-associated glycoprotein erythrocyte membrane glycoprotein Rh50

Disease

- [Chromosome Aberrations](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Migraine Disorders](#)