

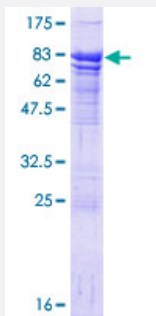
Full-Length

HRB (Human) Recombinant Protein (P01)

Catalog # H00003267-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HRB full-length ORF (NP_004495.2, 1 a.a. - 562 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAASAKRKQEEKHLKMLRDMTGLPHNRKCFDCDQRGPTYVNMTVGSFVCTSCSGSLRGLNPP
HRVKSISMFTTFTQQEIEFLQKHGNEVCKQMLGLFDDRSSAIPDFRDPQKVKEFLQEKEYEKKRWY
VPPEQAKVVASVHASISGSSASSTSTPEVKPLKSLLGDSAPTLHLNKGTPSQSPVVGRSQGQQ
QEKKQFDLLSDLGSDIFAAPAPQSTATANFANFAHFNSHAAQNSANADFANFDAFGQSSGSSNF
GGFPTASHSPFQPQTGGSAASVNANFAHFDNFPKSSSADFGTFNTSQSHQTASAVSKVSTNK
AGLQTADKYAALANLDNIFSAGQGGDQSGSGFTTGKAPVGSVSVSPSQSSASSDKYAALAEIDS
VFSSAATSSNAYTSTSNASSNVFGTVPVVASAQTQPASSSVPAFPGATPSTNPFVAAAGPSVAS
STNPFQTNARGATAATFGTASMSMPTGFGTPAPYSLPTSFSGSFQQPAFPAQAAFPQQTAFSQQ
PNGAGFAAFGQTKPVVTPFGQVAAAGVSSNPFMTGAPTGGFPTGSSSTNPFL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.7

Interspecies Antigen Sequence

Mouse (96); Rat (96)

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 — AGFG1

Entrez GeneID	3267
GeneBank Accession#	NM_004504.3
Protein Accession#	NP_004495.2
Gene Name	AGFG1
Gene Alias	DKFZp686I15205, HRB, MGC116938, MGC116940, RAB, RIP
Gene Description	ArfGAP with FG repeats 1
Omim ID	600862
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is related to nucleoporins, a class of proteins that mediate nucleocytoplasmic transport. The encoded protein binds the activation domain of the human immunodeficiency virus Rev protein when Rev is assembled onto its RNA target, and is required for the nuclear export of Rev-directed RNAs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	HIV-1 Rev binding protein Rab, Rev/Rex activation domain-binding protein hrRIP, Rev interacting protein nucleoporin-like protein RIP

Disease

- [Arthritis](#)