

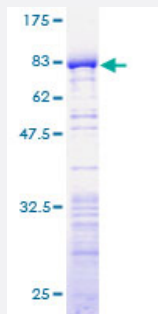
Full-Length

RDBP (Human) Recombinant Protein (P01)

Catalog # H00007936-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RDBP full-length ORF (AAH50617, 1 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLVIPGLSEEEEEALQKKFNKLKKKKKALLALKKQSSSSTTSQGGVKRSLSEQPVMDTATATEQ
AKQLVKSGAISAIAETKNSGFKRSRTLEGKLDPEKGPVPTFQPFQRSISADDDLQESSRRPQR
KSLYESFVSSSDRLRELGPDGEEAEGPGAGDGPPRSFDWGYEERSGAHSSASPPRSRSDRS
HERNRDRDRDRERDRDRDRDRDRERDRDRDRDRDRERDRDRDRERDRDRDREGPFRRSDSF
PERRAPRKGNTLYYGEDMTPTLLRGAFSPFGNIIDLSMDPPRNCAFVTEKMEADQAVAEELNG
TQVESVQLKVNIARKQPMLDAATGKSVWGLAVQNSPKGCHRDKRTQIVYSDDVYKENLVDGF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.54

Interspecies Antigen Sequence

Mouse (90)

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 — RDBP

Entrez GeneID[7936](#)**GeneBank Accession#**[BC050617](#)**Protein Accession#**[AAH50617](#)**Gene Name**

RDBP

Gene Alias

D6S45, NELF-E, RD, RDP

Gene Description

RD RNA binding protein

Omim ID[154040](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is part of a complex termed negative elongation factor (NELF) which represses RNA polymerase II transcript elongation. This protein bears similarity to nuclear RNA-binding proteins; however, it has not been demonstrated that this protein binds RNA. The protein contains a tract of alternating basic and acidic residues, largely arginine (R) and aspartic acid (D). The gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. [provided by RefSeq]

Other Designations

OTTHUMP00000029051|RD RNA-binding protein|major histocompatibility complex gene RD|negative elongation factor polypeptide E|nuclear protein

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Choroid Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [HIV Seropositivity](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Macular Degeneration](#)
- [Obesity](#)
- [Peripheral Vascular Diseases](#)