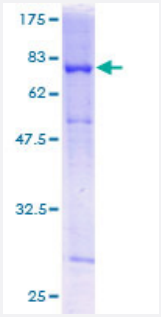
Full-Length

RBBP4 (Human) Recombinant Protein (P01)

Catalog # H00005928-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RBBP4 full-length ORF (AAH53904, 1 a.a. - 425 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	MADKEAAFDDAVEERVINEEYKIWKKNTPFLYDLVMTHALEWPSLTAQWLPDVTRPEGKDFSIHR LVLGTHTSDEQNHLVIASVQLPNDDAQFDASHYDSEKGEFGGFGSVSGKIEIEIKINHEGEVNRAR YMPQNPCIIATKTPSSDVLVFDYTKHPSKPDPSGECNPDLRLRGHQKEGYGLSWNPNLSGHLLSA SDDHTICLWDISAVPKEGKVVDAKTIFTGHTAVVEDVSWHLLHESLFGSVADDQKLMIWDTRSNN TSKPSHSVDAHTAEVNCLSFNPYSEFILATGSADKTVALWDLRNLKLKLHSFESHKDEIFQVQWS PHNETILASSGTDRRLNVWDLSKIGEEQSPEDAEDGPPELLFIHGGHTAKISDFSWNPNEPWVICS VSEDNIMQVWQMAENIYNDEDPEGSVDPEGQGS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	72.49
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 — RBBP4

Entrez GeneID	5928
GeneBank Accession#	BC053904
Protein Accession#	AAH53904
Gene Name	RBBP4
Gene Alias	NURF55, RBAP48
Gene Description	retinoblastoma binding protein 4
Omim ID	602923
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2 complex which has been implicated in chromatin re modeling and transcriptional repression associated with histone deacetylation. This encoded prot ein is also part of co-repressor complexes, which is an integral component of transcriptional silen cing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regul ate cell proliferation. This protein also seems to be involved in transcriptional repression of E2F-r esponsive genes. Three transcript variants encoding different isoforms have been found for this g ene. [provided by RefSeq
Other Designations	MSI1 protein homolog|OTTHUMP00000009691|chromatin assembly factor/CAF-1 p48 subunit|ret inoblastoma-binding protein 4|retinoblastoma-binding protein p48

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema